**DHEERAJ KUMAR**

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**Software Architect (.Net)**

Product Development / Microservices/ Full stack

**Career Objective(s)**

To secure a challenging position in a high growth company with considerable advancement opportunities. I want to work with an organization like yours which can provide conducive and positive work environment and where my qualities of an enthusiastic learner and the ability to take on new challenges can be used.

**Work Experience / 11 Years 6 months**

I am having around 11.6 years of experience in product development & working 5 years+ in R&D and Engineering Dept with various roles & responsibilities. I am having extensive expertise in building cross platform products from scratch and end to end solutions following Agile Methodology. I am also having experience working on small to complex software products and projects. Currently I am working in Engineering Dept of **AICadium** (a product company based in San Diego, US and Singapore). I am highly hands-on and collaborative in workplace and actively engage in the development process.

**Companies I worked for / developer to architect**

**Makonissoft** – / 16-Dec-2021 to Present // 4M

Software Architect

**AICadium** – / 28-Apr-2021 to 15-Dec-21 // 8M

Software Architect (Engineering Dept)

**Software AG** – / 11-Jun-2018 to 27-Apr-2021 // 2Y 10M

Engineering Specialist (R&D) AI and Analytics Product Development

**Visionet Systems** – / 16-Nov-2015 to 08-May-2018 // 2Y 7M

Senior Software Engineer (.NET)

**Terastone Software** / 01-Apr-2013 to 13-Nov-2015 // 2Y 8M

Senior Software Engineer (.NET)

**Maharashtra Knowledge Corp. Ltd** / 05-Feb-2007 to 19-May-2009 // 2Y 3M

Senior Project Associate (Digital University TM)

**Key Technical Skills**

Programming Language(s) – C#, Python

Architecture(s) - Microservices, DDD, TDD

Backend – ASP.Net Core, node.js, MVC, RESTful Web API, gRPC, WebSocket, GraphQL

Frontend – Javascript, Typescript, Angular 6+

Test – NUnit, xUnit, MSTest, Moq

Database – Sql Server, MongoDB, MySQL

Cloud – Azure AppService

Mobile – Flutter, Dart

Others – Git, GitHub, Docker, EF Core, object-oriented programs & open-source technologies

VS Code, Windows, Mac M1, Ubuntu 21.04

**Academics**

M.C.A (2006) 62% IGNOU, New Delhi

B.A (Hons.) (2000) 53.5% Banaras Hindu Univ., Varanasi

10+2 (1996) 64% St. John’s School, Varanasi (I.S.C)

10 (1994) 55% St. John’s School, Varanasi I.C.S.E

**Professional Development**

**Management Development Program in Project Management**

S.P Jain Institute of Management & Research, Mumbai

**Diploma In Software Technology** (.NET SPECIALIZATION) 2006-2007

MKCL Finishing School, Pune

**Honor’s Diploma In Web Eccentric Curriculum** (2000 – 2001)

NIIT, New Delhi

**Data Scientist in Python**

Online from DataCamp

**MCTS .Net Framework 2.0: Web Applications**

TS: 70-536 TS: Microsoft® .NET Framework 2.0 - Application Development Foundation

TS: 70-528 TS: Microsoft® .NET Framework 2.0 - Web-based Client Development

**Hobbies and Extra-Curricular Activities**

Whenever there is time for me, I prefer reading books and current affairs magazines apart from watching Sci-fi and action adventure movies. I also love solving Sudoku challenges and play fast games where strategy and speed plays a crucial role like Football, Basketball and F1 races.

**Projects (Chronological Order)**

1 Digital University TM Framework (C#, ASP.NET MVC, SQL Server 2008R2,WinForms)

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| --- | --- |
| Duration: 1 year  | Team Size: 6 |

Key Responsibilities: As Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. Support and maintain applications system assigned in an end-user environment. Work closely with clients and users to manage projects and support related work plan, execute and assist the team.

About project: Its Educational eGovernance Program. This program offers various eServices through its educational portals such as Digital University™ designed, developed and deployed by MKCL and has facilitated more than one million learners across all universities in Maharashtra in last 5 years. The number of University and student users is steadily increasing and it is likely to exceed 2 million this year i.e. 2007-08. This portal offers to the college and University students the various Information Services, Administrative/ Facilitation Services, eLearning Services, Participative/Collaborative Services and Services for finding career opportunities, scholarship/fellowship opportunities and career advancement openings through national and international competitive examinations, certification examinations, etc.

2 CcANAD (Windows Smart Client, WinForm 2, C#, SQL Server)

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| --- | --- |
| Duration: 3 months | Team Size: 1 |

Key Responsibilities: As Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. Support and maintain applications system assigned in an end-user environment. Work closely with clients and users to manage projects and support related work plan, execute and assist the team.

About project: .NET Windows Smart Client Application. This software is used by DigitalCollegeTM to Scan, Crop and Save the Application Form of the Students. It uses TWAIN for the purpose. Enhance the software as per the new Requirement. Improvement made on UX.

3 Digital University TM Examination Module (C#, ASP.NET MVC 2, AJAX)

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| Duration: 2 months | Team Size: 6 |

Key Responsibilities: As Senior Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. Support and maintain applications system assigned in an end-user environment. Work closely with clients and users to manage projects and support related work plan, execute and assist the team.

About project: This software is used to cater all the Examination related process and requirement of the University. Eg. Create Exam Event, Create Schedule, Create TimeTable etc. and generate various reports needed by the University and its affiliated Colleges.

4 GroupSMS Utility (C#, ASP.NET MVC 2, AJAX)

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| Duration: 1 months | Team Size: 1 |

Key Responsibilities: As Senior Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. I had worked independently on this project.

About project: This Project is used to send personalized SMS to all the students whose mobile numbers are registered with the universities on behalf of the Universities on various occasions. It also used to send notifications, important events, reminders, exam schedules, results etc.

5 Digital University TM Course Definition Module (.NET 2, C#, ASP.NET, AJAX)

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| Duration: 3 months | Team Size: 6 |

Key Responsibilities: As Senior Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. I was responsible for timely deliveries of the requirement and had to work closely with the Team and the Clients to achieve the desired goal.

About project: This module is the heart of the DU framework and core to the entire functionality of the framework. It allows the universities to define the various courses and their details.

6 Examination Process Management System (.NET 2, C#, ASP.NET, AJAX)

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| Duration: 2 months | Team Size: 6 |

Key Responsibilities: As Senior Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. I was responsible for timely deliveries of the requirement and had to work closely with the Team and the Clients to achieve the desired goal.

About project: Complete automation of management and control of the Universities Examination process for all the courses.

7 Digital University TM - Post Exam Ver2 (Microsoft.NET 2.0)

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| Duration: 2 months | Team Size: 6 |

Key Responsibilities: As Senior Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies. I was responsible for timely deliveries of the requirement and had to work closely with the Team and the Clients to achieve the desired goal.

About project: Complete automation of the Universities post Examination process for all the courses.

8 Digital University TM - Data Entry Software (.NET 2.0, ASP.NET MVC, AJAX,WinForms)

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| Duration: 2 months | Team Size: 6 |

Key Responsibilities: As Senior Project Associate(.NET) I am responsible for Design and development of applications using ASP.Net, C#.Net, Windows Forms, Web Services technologies. I was responsible for timely deliveries of the requirement and had to work closely with the Team and the Clients to achieve the desired goal.

About project: This is the Data Entry software aims to enhance the productivity of the data entry clerks in the universities and affiliated institutes and reduces the chances of typographical errors.

9 Esarfaesi (C#, ASP.NET 4, MVC 4.0, SQL SERVER)

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| Duration: 3 months | Team Size: 2 |

Key Responsibilities: As a freelance .NET I am responsible for Design and development of applications using ASP.Net, C#.Net, Web Services technologies from the Scratch. I was

responsible for timely deliveries of the requirement and had to work closely with the Team to achieve the desired goal. I was responsible for deployment, uploading the application on FTP and maintain the site until handling the entire application.

About project: It is a Bangalore based company working in banking domain and primarily deals with the Stressed Assets of the various banks. It is launched with an objective to provide an alternate source of information to the buyers of immovable properties, which is beneficial compared to existing sources i.e., Properties notified under SARFAESI Act, 2002. It had MOU with several public sector banks.

10 Log Collector (C# 5, WPF 4.5, MVVM, XAML,SYBASE, SQL SERVER 2008r2)

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| Duration: 1 months  | Team Size: 1 |

Key Responsibilities: As a Senior .Net Developer I am to use C# and WPF to create a rich, interactive UI. I am responsible for developing front-to-back new application for Project-SalesAchiever™ on Windows to be used by Support Team and the Client. Working independently I am responsible for taking care of product quality and tracking defects as they occur.

About project: Standalone application designed to collect the error logs from the client PC and zip and then email it to the support team for resolution of the issues.

11 Project-Sales Achiever ver 7 (C# 5, WPF 4.5, MVVM, XAML,SYBASE, SQL SERVER 2008r2)

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| Duration: 3 months  | Team Size: 12 |

Key Responsibilities: Using C# and WPF Prototype, design and develop new version of the product based on the latest requirement specification and using the new technology to enhance the user experience. This product now target MS.NET 4.5 framework. On technology side I am using C#, WPF, MVVM, SYBASE, SQL SERVER along with DevExpress tool for better UX.

About project: Project-SalesAchiever™ is specifically designed to manage the complex sales process around the Construction Industry. Whether Architect, Engineer, Contractor or Supplier, Project-SalesAchiever CRM is both powerful and easy to use. Project-SalesAchiever CRM software gives companies in the Construction industry an affordable

solution that is simple to use and quick to deploy. It combines all the features you would expect from a powerful CRM package and also includes the powerful activity and project business lead management.

12 Web API REST - Project-Sales Achiever

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| Duration: 2 months  | Team Size: 12 |

Key Responsibilities: Using C# prototype, design and develop new Web API REST services of the product based on the latest requirement specification to be consumed by the Apple iOS based iPADs. It include Authentication, RESTful Services and WCF etc

About project: Project-SalesAchiever™ is specifically designed to manage the complex sales process around the Construction Industry. Project-SalesAchiever™ is now available on Apple app store.

13 Data Integrator Tool - (C# 5, WPF 4.5, MVVM, XAML,SYBASE, SQL SERVER 2008r2)

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| Duration: 1 months  | Team Size: 4 |

Key Responsibilities: Using C# and WPF prototype, design and develop new data integrator tool to import data from various other CRM used earlier by clients who now wanted to use PSA crm but wanted to keep the data from previous Crm.

About project: This allow the import of data from various sources into the PSA database and create a compatibility so that the previous information can be used within PSA Desktop Application.

14 Project-Sales Achiever – (C# 5, WPF 4.5, MVVM, XAML,SYBASE, SQL SERVER 2008r2)

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| Duration: 2 year 5 months  | Team Size: 12 |

Key Responsibilities:  As a Senior .Net Developer I am using C# and WPF to create a rich, interactive and engaging user experience. I am responsible for developing front-to-back features for Project-SalesAchiever™ on Windows. Taking care of product quality and tracking defects as they occur. I am constantly working on and delivering new features and functionality through software improvements in small, high performing teams and continually optimize the performance of Project-SalesAchiever™. I collaborate often with other developers to write the best and clean code for the project and deliver results for the clients.

About project: Project-SalesAchiever™ is specifically designed to manage the complex sales process around the Construction Industry. Whether Architect, Engineer, Contractor or Supplier, Project-SalesAchiever CRM is both powerful and easy to use. Project-SalesAchiever CRM software gives companies in the Construction industry an affordable solution that is simple to use and quick to deploy. It combines all the features you would expect from a powerful CRM package and also includes the powerful activity and project business lead management.

15 Project-Sales Achiever – WebEdition (C# 5, ASP.NET 4.5, MVC 5, Core)

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| Duration: 4 months  | Team Size: 3 |

Key Responsibilities:  As a Senior .Net Developer I am using C# and ASP.NET MVC 5 to create a rich, interactive and engaging user experience. I am responsible for developing front-to-back features for Project-SalesAchiever™ on Web Edition. Taking care of product quality and tracking defects as they occur. I am constantly working on and delivering new features and functionality through software improvements in small, high performing teams and continually optimize the performance of Project-SalesAchiever™. I collaborate often with other developers to write the best and clean code for the project and deliver results for the clients.

About project: Project-SalesAchiever™ is specifically designed to manage the complex sales process around the Construction Industry. Whether Architect, Engineer, Contractor or Supplier, Project-SalesAchiever CRM is both powerful and easy to use. Project-SalesAchiever CRM software gives companies in the Construction industry an affordable solution that is simple to use and quick to deploy. It combines all the features you would expect from a powerful CRM package and also includes the powerful activity and project business lead management.

16 e-Commerce giant US (C# 5, ASP.NET 4.5, MVC 5, ServiceStack, WCF, SQLServer)

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| Duration: 2year 1 months  | Team Size: 10 |

Key Responsibilities:  As a Senior .Net Developer I am responsible to review requirements, perform business analysis, develop requirements for new software systems and enhancements to existing systems for the client, ensuring that system design meets the needs of clients, develop, document and revise system design procedures, test procedures and quality standards, assist team of software engineers in designing, developing, modifying, integrating and implementing software systems, using ASP.Net, C#, SQL server, Services and TFS, create test plans and scripts, perform estimation and plan project activities and communicate with client regularly to understand the business issues and data challenges of the client’s organization and industry.

17 e-Commerce giant US (C#, MVC 5,Core, Web Api 2, SQLServer)

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| Duration: 1 months  | Team Size: 8 |

Key Responsibilities:  As a Senior .Net Developer I am responsible to review requirements, perform business analysis, develop requirements for new software systems and implement the infrastructure for development.

18 HMAC – Mortgage Application (C#, MVC 5, .Net Core, Web Api 2, SQLServer, MOXTRA)

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| Duration: 1 months  | Team Size: 6 |

Key Responsibilities:  As a Senior .Net Developer implementation and integration of Moxtra chat application in the mortgage application for portal.

19 Mapping Analytics using ArcGIS ((.NET Core, C#, Python, Django, MVC 5, Web Api 2, SQLServer, ArcGIS)

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| Duration: 6 months  | Team Size: 4 |

Key Responsibilities:  As a Senior .Net Developer I am responsible to review requirements, perform business analysis, develop requirements for new software systems and implement the infrastructure for development. Individual contributor for creating web services.

20 Data Science AI Analytics Product (.NET Core, C#, Python, Django, MVC, Web Api, Angular 7, Microservices)

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| Duration: 12 months  | Team Size: 9 |

Key Responsibilities:  As an Engineering Specialist I am responsible to review requirements, perform business analysis, develop requirements for new software systems and implement the infrastructure for development. Individual contributor for creating end to end apis for the product.

The ML AI product is live here: <https://github.com/SoftwareAG/ZMOD>

21 Predictive Analytics Workbench (.NET Core, C#, Python, Django, MVC, Web Api, Angular 9, Microservices, DataAnalytics)

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| Duration: 12 months  | Team Size: 9 |

Key Responsibilities:  As an Engineering Specialist I am responsible to review requirements, perform business analysis, develop requirements for new software systems and implement the infrastructure for development. Individual contributor for creating end to end apis for the product. Integrate data from various sources including DataHub and DataLakes.

22 Machine Learning Workbench (.NET Core, Python, Django, C#, MVC, Web Api, Angular 9, Microservices, DataAnalytics)

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| Duration: 3 months  | Team Size: 9 |

Key Responsibilities:  As an Engineering Specialist I am responsible to review requirements, perform business analysis, develop requirements for new software systems and implement the infrastructure for development. Individual contributor for creating end to end apis for the product. Integrate data from various sources including DataHub and DataLakes. It’s a new product as apart of co-innovation project.

23. DataWorks (.NET 5, Asp.net Core 5.0, C#, Python, Django)

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| Duration: 6 months  | Team Size: 4 |

Key Responsibilities:  As a Software Architect I am responsible to review requirements, design system, perform business analysis, develop requirements for new software systems and implement the infrastructure for development.

24 MLCloud App (.NET 5, Asp.net Core 5.0, C#, Flutter, Python, Django)

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| Duration: 3 months  | Team Size: 9 |

Key Responsibilities:  As a Software Architect Here I am responsible for designing, developing and implementing software platform and solutions to address complex business needs of Data Science, AI & ML, and providing technical leadership within the Engineering department. I am experienced in architecture, roadmap, execution and management of large business transformation, legacy modernization project.