## Personal Details

**Name**:
Pradeep Kumar Reddy Pellakuru

**D.O.B:** 31-May-1987

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**Languages**:

- English
- Telugu
- Tamil

**Certifications**:

**Microsoft Certified:**

- Azure Administrator Associate
- DevOps Engineer Expert
- Azure AI Fundamentals
- Azure Data Fundamentals
- Azure Fundamentals
- Solutions Associate: Cloud Platform Charter Member

**Microsoft Specialist**:

- Implementing Microsoft Azure Infrastructure Solutions
- Developing Microsoft Azure Solutions
- Microsoft Certified Professional

**Visa:**

   **H1B (Valid till Dec-2025)**

# CURRICULUM VITAE

I am seeking a competitive and challenging environment where I can serve your organization and establish a career for myself

## WORK EXPERIENCE

Working as **Solutions Architect** with around **12years** of technical experience in DevOps,Azure,MLOps ,Data Science with Full Stack development experience.

- Working in Tata Consultancy Services (**TCS**) as **Associate Consultant(C3B)** in DevOps from March-**2022** to till date.

- Worked in **Wipro** as **Architect(C1)** in DevOps from May-**2016** to March -**2022**.

- Worked in **Mindtree** as **Module Lead(C3)** in Azure from July-**2015** to May-**2016**.

- Worked in Cognizant Technology Solutions (**CTS**) as Associate from July-**2011** to July-**2015**

## Academic Details:

- **M.Tech** in VLSI Design from Sathyabama University, Chennai (2009-2011) with **8.3 CGPA** (Distinction).

- **B.Tech** in Electronics & Instrumentation Engineering(EIE) from Narayana Engineering college ,Nellore (2004-2008) with **70.1%** (Distinction).

- **Intermediate**(MPC) in Prestige Junior college, Nellore (2002-2004) with **85.6%**(Distinction).

- **SSC** in St.pauls E.M High school, Nellore(2001-2002) with **73.5%**(Distinction)

## Technical Summary:

**MLOps/DevOps :** Databricks,Azure Synapse,ADLS,AIML,Logic Apps,Function Apps,Data Factory, AzureDevops (All process), TFS, VSTS, Git, Bitbucket, SVN, Jenkins, Docker,  Kubernetes ,Powershell,Ansible, CI-CD,Xebia Labs,Splunk, Jira,Dynatrace,Nexus, Microsoft & Java CICD,AWSMigration,Power BI,Python.

**Azure:**      PAAS,IAAS,Service Bus, Cosmos DB ,Redis Cache, AppInsights,Sql Azure, Cloud Services,Admnistration,KeyVault, AWS Migrations end-to-end implementation in azure.

**Dev Skills:**  Full Stack, MEAN Stack with React,Angular,Jquery,Node,C#,.Net Core ,Sql Server, Mongo DB, Rest & WebAPI, Microservices,MVC,.Net 5.0.

## EXPERIENCE SUMMARY

### Project : Data Analytics -Retail (USA)

Client            :        Retail Account
Skills            :        MLOPS.DevOps,AzureDevops,CICD,Powershell,Data
   bricks,ADF,ADLS,Synapse,Logic Apps,Data Science.
Role              :        Architect
Period            :        Mar 2022– Current

### DESCRIPTION OF THE PROJECT:

Data Analytics based application Development and application design, development and enhancements

### ROLES AND RESPONSIBILITIES:

- Solution proposals for use cases and design
- MLOPS process Design and implementation
- AzureDevops CICD implementations
- Working on Databricks, setting up process & getting it ready for deployments

### Project : INSURANCE DEVOPS OFFSHORE

Client            :        US Insurance giant
Environment       :        AzureDevops,CICD,Powershell, .Net core, release process & design.
Role              :        Architect
Period            :        Nov 2017– March 22

### DESCRIPTION OF THE PROJECT:

American auto insurance giant (Confidential) ,Project involves providing testing and DevOps operations across multiple line of business, DevOps model execution, Automation, Architecture analysis.

### ROLES AND RESPONSIBILITIES:

- Taking care of offshore DevOps process including automation, release, migration, Onboarding application etc..
- Automation of CICD process of release activities.
- High level design implementation & development activities
- Code/Script customization ,increasing efficiency & zero-defect process.
- Implementation of R&D, POC in the core improvement areas.

**Project : Wipro Integrated Agile DevOps Product Development**

| | | |
|---|---|---|
| Client | : | Wipro Product |
| Environment | : | Microsoft Azure, DevOps, Jenkins, SVN, TFS,GIT |
| Role | : | DevOps Lead |
| Period | : | May 2016 – Nov 2017 |

## DESCRIPTION OF THE PROJECT:

Wipro Integrated Agile DevOps Platform (WID) accelerates the software delivery process by providing a comprehensive continuous delivery environment. It leverages the existing ALM tool investments, uses industry best practices for build, release orchestration, and provides real-time dashboards and analytics. It offers a self-service mechanism for provisioning infrastructure, tools and framework for DevOps on the public / private cloud. It enables faster, easier, repeatable enterprise DevOps adoption and maturity.

## ROLES AND RESPONSIBILITIES:

- Build Server & Deployment Server UI screen development and configurations in
- CI page
- Deploy Server and Multiple stage configuration for CD page using Angular JS
- Integrated GIT(GitHub) with WID for the CI-CD process in terms of setting up the
- environment and functionality development
- Worked on GITHUB Web hook concept for real-time CI process in Jenkins
- Worked on the development of the environmental provisioning for Docker integration
- COE on the future toggle concept with the help of launch darkly
- Development of Web API for the Chabot implementation
- WID customization based on the requirements of the client.

**Project : Developing Azure PAAS and Integration with Mobile**

Client          :      Oticon

Environment     :      Microsoft Azure, Azure AD, Notification Hub, Redis Cache

Role            :      Azure module Lead

Period          :      November 2015 – April 2016

**DESCRIPTION OF THE PROJECT:**

Developing Azure PAAS services with Azure AD integration and to provide notifications to mobile devices like (Android/IOS) with specific actions and triggers

**ROLES AND RESPONSIBILITIES:**

- Being a module lead involved in taking up responsibility in APP Service development.
- Creating Notification Hub to send messages to devices
- Integration with Azure AD, Redis cache, Service bus etc.
- Providing support to multiple testing teams

## Project : Aws to Azure Migration

| | | |
|---|---|---|
| Client | : | Catalina |
| Environment | : | Microsoft Azure, PowerShell, Vagrant ,Linux, Puppet script |
| Role | : | Azure module Lead |
| Period | : | August 2015 – October 2015 |

### DESCRIPTION OF THE PROJECT:

Migration of Aws module to Azure environment using Vagrant script and puppet and to host Solr and Zookeeper on the azure environment for the Catalina.

### ROLES AND RESPONSIBILITIES:

- Being a module lead involved in taking up responsibility in Migration.
- Provision of VM's in azure environment using Vagrant script.
- Automation of vagrant scripts.
- Analysis of VM size and provisioning.

## Project : Cognizant Career Architecture

| | | |
|---|---|---|
| Client | : | Cognizant Academy |
| Environment | : | VS 2012, Asp.net , C# 4.0,Java Script, Ajax, Jquery,WCF,Sql Server 2012. |
| Team Size | : | 9 |
| Role | : | Technical Lead for Associate Modul |
| Period | : | August 2014 – July 2014 |

### DESCRIPTION OF THE PROJECT:

An application developed to provide a platform for users to perform learning activities based on the current role and Aspirational role, where supervisor can able to track the user progress performance during their current role for Organization, BU specified skills

### ROLES AND RESPONSIBILITIES:

- Being a Technical Lead and .Net Developer, involved in the discussions of Requirement Analysis, Database Design, UI Design, Bug fixing and enhancements.
- Involved in smooth delivery of the Associate module for different verticals.

## Project : My Labs

| | | |
|---|---|---|
| Client | : | Cognizant Academy |
| Environment | : | VS 2010,C# 4.0,Html,WCF,Sql Server 2012,Cloud 360,Restful service. |
| Team Size | : | 7 |
| Role | : | Technical Lead |
| Period | : | Dec 2013 – July 2014 |

## DESCRIPTION OF THE PROJECT:

An application which can provide the Virtual machines to the users who have enrolled for an activity based on the availability by integrating with the cloud System. Using these Virtual Machines users can login and take up the learning activities from their desktop itself.

## ROLES AND RESPONSIBILITIES:

- Being a Technical Lead and .Net Developer, involved in the discussions of Requirement Analysis, Database Design, Bug fixing and Mailer process.
- Developed Batch process for fetching virtual machines and sending mailers.

## Project : Skill Based Assessment

| | | |
|---|---|---|
| Client | : | Cognizant Academy |
| Environment | : | VS 2010, Asp.net, C# 4.0, Java Script, Ajax, jQuery, WCF,Sql Server 2008. |
| Team Size | : | 5 |
| Role | : | Team Member |
| Period | : | Mar 2013 – Nov 2013 |

## DESCRIPTION OF THE PROJECT:

An application developed to provide a platform for users to check the coding standards in dot net technology through assessments. Users upload 's a solution file coded for specific problem statement given in assessment and which will be evaluated in TFS by automatically check-in the code and generates the report.

## ROLES AND RESPONSIBILITIES:

- Involved in creating a tool to perform to upload solution, automatic code check in of solution into TFS and taking performance reports based on unit test cases.

## Project : My Learning Portal

| | | |
|---|---|---|
| Client | : | Cognizant Academy |
| Environment | : | VS 2010,Asp .net ,C# 4.0,Java Script, Ajax, jQuery, SQL Server 2008. |
| Team Size | : | 8 |
| Role | : | Team Member |
| Period | : | Jan 2013 – Feb 2013 |

## DESCRIPTION OF THE PROJECT:

An application developed to provide platform for complete learning activities including e- learning and video accessing across multiple domains .It will be accessed by the 1.6 lakhs associates as a part of learning activities to improve skills.

## ROLES AND RESPONSIBILITIES:

- Involved in development of learning plan sprint and provided support for smooth production roll out.

## Project: Library Information Management System.

| | | |
|---|---|---|
| Client | : | Cognizant Academy |
| Environment | : | VS 2010,Asp .net, C# 4.0,Java Script, Ajax, jQuery, SQL Server 2008. |
| Team Size | : | 6 |
| Role | : | Team Member |
| Period | : | Jun 2012-Nov 2012 |

## DESCRIPTION OF THE PROJECT:

Developing a library system for entire Cognizant and integrating all physical libraries across various facilities cognizant across the world. With incorporated social features having target of loading the page in 500 milliseconds. It's also an integration of e-books and physical books available and for providing the users with all facilities like request and reserve a book.

- Involved in development of application to allow the users to take online quiz and provide support after the production.

**Project:  My Books version 1 and 2.**

Client            :    Cognizant Academy
Environment       :    VS 2010,Asp .net ,C# 4.0,Java Script, Ajax, jQuery, SQL Server 2008.
Team Size         :    4

Role              :     Team Member
Period            :    Nov 2011-May 2012

**DESCRIPTION OF THE PROJECT:**

Developing an application which facilitates the users to browse and read the updated books and providing

the social flavor to the users. The application is tightly integrated with over 25000+ books available in skill

port. Provide online access and search the preferred books via the application.

**ROLES AND RESPONSIBILITIES:**

- Involved in development of console application to fetch data from Skill port API and development of associate dashboard, Bug fixes in SIT, UAT.

**ACHIEVEMENTS**:

1. Achieved JNT University **8th** rank in semester examination.

2. Won Special Award for best User Interface design in Zap-2 held in cognizant.

3. Best performer Award in Mindtree Cloud team.

4. Total of 9 awards in Wipro so far for best performance.

**Declaration**:

I hereby declare that all the information furnished above is true and correct to the best of my knowledge and belief.

Place:

**Date:**                                                                                 (**P. PRADEEP KUMAR REDDY**)