

Rajan

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Career Objective:

Seeking for a stimulating and challenging role in the field of IT that would facilitate the maximum utilization and application of my skills along with my expertise in making a positive difference to the organization.

Synopsis:

- Decisive, action-oriented and results-focused Software Developer having 4 plus years of experience in IT industry.
- Focused on Requirement Analysis, NLP, Machine learning Models, Development and Operational support of client/server systems.
- Software engineer with strong programming skills in Python, C#, WinForms, WPF and SQL.
- A visionary leader with good communication, interpersonal & analytical skills.

Professional Experience:

- Working as a Software Engineer in **AVEVA** [June 2016](#)

Technical Skills:

- **Programming Languages:** Python, C#
- **Web Languages:** HTML, XML
- **Database:** Dabacon, MySQL
- **Tools:** Visual Studio, GIT, ClearCase, Anaconda, Jupyter Notebook, Spyder IDE.

Scholastics:

- B.Tech in Computer Science Engineering from College of Engineering Studies affiliated to UPES, Dehradun with 82.6% [June 2016](#)
- Intermediate Board Examination from Birla Senior Secondary School, Pilani with 80% [June 2012](#)
- Secondary School Certificate from A.P.G. Public School, Kharkhoda with 81.7% [June 2010](#)

Certification:

- **Deeplearning.ai** certification on Natural Language Processing (NLP) with Probabilistic Models on Coursera [July 2020](#)
- **Deeplearning.ai** certification on Natural Language Processing (NLP) with Classification and Vector Spaces on Coursera [July 2020](#)
- **IBM digital badge** in Applied Data Science **Specialization** from IBM on Coursera [June 2020](#)
- Data Science certification by Intellipaat [July 2019](#)

Achievements:

- Awarded in Hackathon conducted by AVEVA [May 2020](#)
- Awarded as best employee of the month by AVEVA [July 2018](#), [Aug 2019](#)

Projects:

- **Project: Chatbot - AVEVA**

Designation: Software Engineer for AVEVA support chatbot

Project Role:

- AI-powered Chat bot that leverages company's existing bug tracking database, infuses it with NLP and provide instant advice to the customer problems.
- Customer explains the issue which they are facing, and the bot evaluates the query to give real time solution.
- Processed raw data to clean data format using variety of tools including regular expression, tokenization , date object and reshaping.
- Created and programmed an end-to-end user friendly chatbot web page using HTML.
- Developed word embeddings on the top of google embedding using Continuous Bag of Words (CBOW).
- Engaged in driving the team to all the technical aspects required for seamless execution of the project and delivered successfully.

Environment:

- **Languages & Models:** Python, CBOW, NLP, LSTM, Word Embeddings, Rest and Soap Services, Excel
- **Tools:** Anaconda, Jupyter Notebook, GIT

- **Project: Business Analysis in India- AVEVA**

Designation: Software Engineer

Project Role:

- It is about planning to start a new business which involves strategizing the location of business. It is challenging for the investors and beginners to start a business and find out a location where to invest the money.
- This project will do the analysis for them and help in taking better business decisions on a real time data.
- Collected data in JSON format related to all the business, their types pertaining to all the states and cities of India containing Longitude and Latitude information.
- Display the data in charts, grid, maps using FourSquare API.
- Developed the logic for importing, pre-processing, analysis and query to give real time solution.
- Compare the analysis results using different machine learning models – SVM, logistics Regression and K-Means.

Environment:

- **Languages & Models:** Python, SVM, logistics Regression and K-Means, JSON
- **Tools:** FourSquare API

- **Project: AVEVA Engineering Product**

Designation: Software Engineer

Project Role:

- Worked on importing simulations and canvas design for different PFD functionalities
- This product provides complete information about the different elements/records related to oil and gas plants also integrate several AVEVA products.
- Used .Net Framework and Dabacon to build data storage solutions for several high-volume businesses.
- Worked on OOPS, C# Classes, Interfaces, Inheritance, Dependency Injections, Delegates, LINQ, MVVM model, WPF, WinForms, Infragistics Controls, Excel, Xml, Reports Creation, Database.
- Worked on Investigation related to performance and enhancing the product to be used at multi levels.
- Worked on binding multiple products and modules through Xml's, Excel and Compare/Update.
- Emphasizing on the products build-in quality and area of improvements.
- Deployment of product on AWS using AppStream, S3 and File Server services.

Environment:

- **Languages & Framework :** C#, WPF, .Net Framework
- **Tools:** AWS (AppStream, S3 and File Server), Visual Studio.

Technical Activities:

- Delivered training sessions for the major product enhancement to the entire product team [Feb 2020](#)
- Participated in various workshops from deeplearning.ai, Edureka, Intellipaat related to Data science, NLP, Machine learning [June, July 2020](#)

Extra-Curricular Activities:

- Participated in WaveFest singing competition, Action for Good activities (Teaching students in schools which can't afford education, going colleges and providing them pre-placement sessions, bulk plantations, collecting the unused cloths by the company employees and provide them to the needy ones.) [Year 2018-2020](#)
- Organised Game stall event in AVEVA [Year 2019](#)

Personal Dossier:

Name: Rajan

DOB: 21st September 1994

Father Name: Shiv Shankar Garg

Languages known:

- English
- Hindi

Nationality: Indian