Abhishek Chaturvedi

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EXPERIENCE

Software Developer - ICICI Lombard GIC Ltd.　　　　　　　　　　Aug 2020 – Present
Mumbai

SMS Engine(Samadhaan)

- Developed and designed an engine from scratch for customer communication via applications and upgraded our centralized ILESB services for hassle-free integration.
- Finalised business requirement and delivered the engine within the minimum time possible using technologies like Django and PostgreSQL.
- The engine helped in increasing the overall performance ratio from 81.34% to 98.92% and also reduced the turnaround time for customers to interact with applications.

Product Prediction Model (Ongoing)

- Developing and Training Machine Learning generic model using Regression model Techniques.
- Determined optimal strategies to understand the customer behavior during product launch and facilitate the targeted market campaigns.
- Targeting to acquire increase in market share by developing customer segmentation algorithm.

Software Developer Intern - ICICI Lombard GIC Ltd.　　　　　　Jan 2020 – July 2020
Mumbai

- Researched on Voice User Interfaces and developed a specific purpose mobile application to record daily water intake and promote being hydrated in daily lifestyle.
- Integrated NLP based DialogFlow framework and Flutter kit to record and analyze water intake. Deployed on AWS Lambda using Serverless architecture.
- Training and Certifications

TECHNICAL SKILLS

Languages: Python, Core Java, JavaScript, SQL, HTML/CSS
Libraries: Keras, Spark, Pandas, Torch, Numpy
Frameworks: Scikit-learn, Django Rest Framework, Flask, TensorFlow, Bootstrap
Developer Tools: PyCharm, Atom, Git, Visual Studio, Postman, Jupyter-Notebook, Google Colab
Machine Learning: Linear/Logistic regression, Clustering, Support vector machine, Neural Network

PROJECTS

Movie Recommendation System | *Python, sklearn, Numpy, Pandas*　　　April 2017 – Sept 2019

- ∗ Developed and Trained Machine Learning model using libraries like sklearn, Pandas and Numpy to recommend the movie based on watched list.
- ∗ Used cosine similarity matrix to match similar movies by Content based filtering method.

Social App | *Django, Python, Javascript, jQuery, SQLite*　　　　　　April 2018 – May 2020

- ∗ Developed a full-stack web application using django REST API with Javascript as the frontend and Redux as State Manager for real-time chat
- ∗ Implemented GitHub OAuth to get data from user's repositories and JWT for User Authentication.

EDUCATION

National Institute Of Technology Karnataka　　　　　　　　　　　Surathkal
Master of Computer Application. CGPA: 7.01/10　　　　　　　　　*July,2017 – May 2020*

Maharaja Ranjit Singh　　　　　　　　　　　　　　　　　　　　Indore
Bachelor of Computer Application. Percentage: 68　　　　　　　　*July,2014 – May 2017*

CERTIFICATIONS

1. **Certified ScrumMaster® (ScrumAlliance)** Feb,2020 – Feb,2022
   Certificate ID: 001046716

2. **Machine Learning (Coursera)**
   https://www.coursera.org/account/accomplishments/certificate/RXZPRNTHBK9X

ACHIEVEMENT AND EXTRACURRICULAR ACTIVITIES

* Management Team Head in IGNITE (2018) cultural fest.
* Secured AIR-80 in NIMCET-2017.
* Secured AIR-65 in BIT-2017 MCA Entrance exam.
* House Caption in CSPS School (2014).