

Abhishek Chaturvedi

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TECHNICAL SKILLS

Languages: Python, Core Java, JavaScript, SQL, HTML/CSS

Frameworks: Django, Flask, Torch for NLP, AWS SDK

Libraries: Langchain, Openai, HuggingFace, Sentence-transformers, FAISS

Databases: Mysql, Postgresql, Chromadb, pgvector, Elastic vector database

Developer Tools: PyCharm, Git, Visual Studio, Postman, Jupyter-Notebook, Google Colab

Other : AWS, Docker, Natural Language Processing, Generative AI

EXPERIENCE

Senior Software Developer - Indegene

Aug 2023 – Present

Bangaluru

- Led a team to integrate a product recommendation system with customer feedback, leveraging the Langchain framework with databases such as ChromaDB and PGVector for optimal performance.
- Designed and enhanced a responsive chatbot using React, langchain, and OpenAI, achieving a 92 accuracy rate through iterative prompt training. This versatile chatbot handles diverse data inputs – documents, databases, URLs, presentations, and images – transforming customer engagement.
- Implemented a large-scale enterprise search solution using AWS Kendra, optimizing search capabilities across 1,000+ PDFs for enhanced data retrieval and user experience.
- Tailored chatbot solutions to align with brand strategies, ensuring robust security and the highest standards of data protection.

Senior Software Engineer - Apisero

Mar 2022 – July 2023

Bangalore

- Designed and deployed a serverless API on AWS Lambda, using python events for seamless event-driven functionality. Integrated with AWS gateway API to provide scalable and efficient endpoints, optimizing cloud resource usage.
- Successfully automated Salesforce, Guidewire, and Symbility integrations through the use of the MuleSoft API and achieved a 50% reduction in data updation time.
- Successfully implemented CI/CD processes using GitHub flows on the MuleSoft anypoint platform. This enabled streamlined and automated code deployment workflows, enhancing development efficiency and improving project delivery.
- Collaborated with multiple stakeholders to gather their requirements, led the end-to-end design of the integration architecture, and conducted thorough testing across various scenarios.

Software Developer - ICICI Lombard GIC Ltd.

Aug 2020 – Feb 2022

Mumbai

Product Prediction Model

- Developed and Trained 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.
- Worked on a targeted algorithm to acquire an increase in market share by developing a customer segmentation algorithm.

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 improved the overall performance ratio from 98.8% to 99.4% and also decreased the turnaround time for message delivery.

EDUCATION

National Institute Of Technology Karnataka

Master of Computer Application.

Surathkal

July, 2017 – May 2020

Welingkar Institute of Management Development and Research

PGDM (Finance)

Mumbai

July, 2020 – May 2022

Maharaja Ranjit Singh

Bachelor of Computer Application.

Indore

July, 2014 – May 2017

CERTIFICATIONS

1. Certified ScrumMaster® (ScrumAlliance)

Certificate ID: 001046716

Feb, 2020 – Feb, 2024

2. Machine Learning (Coursera)

<https://www.coursera.org/account/accomplishments/certificate/RXZPRNTHBK9X>

ACHIEVEMENT AND EXTRACURRICULAR ACTIVITIES

- * Secured AIR-80 in NIMCET-2017.
- * Competed at the state level in Muay Thai martial arts, demonstrating discipline, resilience, and a commitment to personal growth and physical fitness.
- * Management Team Head in IGNITE (2018) cultural fest.
- * Secured AIR-65 in BIT-2017 MCA Entrance exam.