Aditya Sanjeev Chaudhari

https://www.adityachaudhari.dev

Email : hire@adityachaudhari.dev

Mobile : +1 (607) 232-7247

EDUCATION

State University of New York at Binghamton Binghamton, NY
Master of Science in Computer Science *Aug 2019 – May 2021*

KJ Somaiya Institute of Engineering and IT, Mumbai University Mumbai, India
Bachelor of Engineering in Electronics and Telecommunications *Aug 2014 – May 2018*

EXPERIENCE

Mindex Technologies, Inc. Rochester, NY, USA
Software Engineer *Nov 2021 – Present*

- Collaborating with Paychex's Enterprise teams to develop and manage data services for client addresses and associated products using REST APIs built with Spring Boot and AngularJS
- Successfully modernized a legacy codebase in PowerBuilder to optimize service flow after undergoing training in the domain. Developed and executed various database scripts to create and validate Oracle tables in accordance with technical designs
- Working within an agile development environment, collaborated effectively with a large team to deliver high-quality solutions on time and on budget

Miracle Software Systems, Inc. Novi, MI, USA
Programmer Analyst Trainee *Sept 2021 - Oct 2021*

- Achieved success in completing comprehensive training in Java backend application development using Spring Boot, gaining expertise in building micro-services and deploying them using Docker
- Developed a functional and minimalist backend application - IndiaBazzar - an e-commerce platform designed to efficiently store order and address details for customers

MATLAB Helper - Tellmate Helper Pvt. Ltd. Jaipur, RJ, India
Chief Operating Officer *June 2018 - April 2019*

- Oversaw and optimized all aspects of the company's operations and management, utilizing strategic thinking and leadership to drive business growth and success
- Conducted comprehensive market analysis to inform business plans, leveraging data-driven insights to develop effective strategies. Successfully presented pitch decks at various events, showcasing strong communication and presentation skills

MATLAB Developer and Supervisor *June 2017 - May 2018*

- Led a team of developers to resolve complex MATLAB-related technical issues for clients, utilizing strong technical skills and knowledge of the software to achieve high client satisfaction
- Delivered live coding sessions, sharing best practices and techniques for MATLAB and Simulink, to engage with users on a personalized level
- Designed high-quality tutorials for the LMS portal, using expertise in Neural Networks, Digital Signal Processing, and Data Analysis, and applied strong instructional design skills to create accessible content that drove increased engagement and knowledge retention

PROJECTS

- **Predicting Airline Delays**: I developed a Flask-based web application that utilizes machine learning algorithms to forecast airline delays. The prediction model was created using classification and linear regression techniques applied to a diverse dataset. The app was deployed with Docker, enabling it to reproduce and expand the application for potential use in the future. The application's inputs include the origin and destination airports, scheduled departure and arrival times, and other relevant information
- **Social Media Sentiment Analysis - Twitter**: I conducted a thorough analysis of over 100,000 social media records to extract data-driven insights regarding specific topics. This involved comparative and topic-specific sentiment analysis of data obtained from platforms such as Twitter, which was collected in real-time via the Twitter API. The data was then analyzed using VADER sentiment analysis to draw meaningful conclusions

PROGRAMMING SKILLS

- **Languages**: Java, Python, Javascript, SQL, MATLAB **Technologies**: AWS, Kafka, Jenkins, Docker
  Frameworks: Spring Boot, Angular