SHRUSTY YADAV

Associate Software Engineer

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SUMMARY

I am a results-oriented software developer with over 2 years of experience in both frontend and backend development, specializing in system integration. I possess strong skills in developing scalable solutions and APIs, along with a foundational understanding of machine learning. I am highly adaptable and eager to learn new technologies to continually optimize software performance.

EXPERIENCE

09/2022 - Present

Optum Global Solutions (United Health Group)
Optum Medicaid Management Services (OMMS)

Provides health services and technology solutions.
- Developed integration applications using Mule4/Mulesoft, Anypoint Platform, API Gateway, and API Manager to connect various frameworks.
- Worked on Mule3 to Mule4 migration, ensuring compatibility and leveraging new features for enhanced performance and reliability.
- Utilized Django Model Forms for efficient data handling, and executed migrations to update and maintain the database structure within the Medicaid management system.
- Implemented custom validation and business logic within views and forms to handle Medicaid-specific requirements.
- Collaborated with Angular frontend and other service teams, establishing RESTful APIs and ensuring data consistency across modules.

09/2022 - Present

Optum Global Solutions (United Health Group)
Health care engagement platform(HECP)

Managed care services and systems.
- Developed backend components for the HCEP platform using Django.
- Assisted in backend development using Python and Django, contributing to the design and implementation of RESTful APIs and debugging application features.
- Optimized MySQL databases for dynamic web applications and implemented Material-UI with CSS-in-JS libraries like Styled-Components for cohesive, responsive user interfaces.
- Developed Socialize, a MERN stack social media platform, enabling secure user registration, post creation, friendship management, and interaction through dynamic feeds. Integrated JWT authentication and encrypted passwords for security, ensuring a seamless user experience.

09/2021 - 11/2021

Machine Learning Intern
1stop.ai (Techkriti IIT Kanpur)

A tech fest at IIT Kanpur focusing on innovation.
- Developed machine learning solutions in Python, including classification models for iris species using decision trees, k-nearest neighbors, and support vector machines.
- Enhanced text processing capabilities using Python's NLP libraries.
- Created a web-based chatbot utilizing Google's Generative AI and Streamlit, featuring real-time Q&A, session management, and error handling.

EDUCATION

2018 - 2022

B.Tech in Information Technology
Chhatrapati Sahu Ji Maharaj University

2016 - 2018

Senior Secondary School (12th Grade)
Kendriya Vidyalaya No.2 Chakeri Kanpur, UP (CBSE)

SKILLS

Python | Django | Angular | MySQL | React | MuleSoft | Typescript | Data Structures | OOPs | Debugging | DBMS

HTML | Machine Learning | Material UI | Maven | NLP | Postman | restful | SQL | System Integration