

SHRUSTY YADAV

Associate Software Engineer

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Summary

Results-oriented software developer with 2+ years of experience in backend and frontend development. Experienced in Java Spring Boot, Python, React, Angular, and MuleSoft for Mule 4 migration. Background in machine learning, data structures, and algorithms. Adaptable and eager to learn new technologies for efficient and scalable software solutions.

Work Experience

Sept 2022- Present

Optum Global Solutions (United Health Group)

Optum Medicaid Management Services (OMMS)

- Worked on migration projects from Mule 3 to Mule 4, improving performance and system reliability.
- Developed and integrated APIs using Mule 4, Anypoint Platform, and API Gateway, leveraging **RAML** for API design and implementing robust error handling.
- Managed and modified EDI files, ensuring seamless data exchange across various systems.
- Designed and maintained responsive user interfaces using Angular and **Angular Material**, with a focus on reusability and cross-browser compatibility.
- Enhanced front-end performance through rigorous testing, debugging, and optimization.
- Spearheaded the Movie Hub project using **TypeScript**, HTML, CSS, and SCSS, collaborating closely with UI/UX designers to transform mockups into interactive, user-friendly interfaces.

Health care engagement platform(HECP)

- Managed 508 defects to ensure WCAG web accessibility compliance.
- Optimized MySQL databases for dynamic web applications and implemented **Material-UI** with CSS-in-JS libraries like Styled-Components for cohesive, responsive user interfaces.
- Utilized modern **React** features, including hooks and the context API, to enhance functionality and performance.
- 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.
- Assisted in backend development using Java and Spring Boot, contributing to the design and implementation of RESTful APIs and debugging application features.

1stop.ai (Techkriti IIT KANPUR)

Machine Learning Intern

Sept 2021- Nov 2021

- 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. The project, deployed on GitHub, demonstrates advancements in **generative AI**, drawing from experience in a 2021 machine learning internship.

Additional Information

- **Technical Skills:** Python, Angular, React, Java, SpringBoot, Git, Data Structures, API Development, Problem Solving, NLP, TypeScript, RAML, REST, Postman, HTML, CSS, Material UI, SQL, Machine Learning
- **Soft Skills:** Teamwork, Remote Collaboration, Flexibility, Leadership, Adaptability
- **Languages:** English, Hindi

Education

B.TECH IN INFORMATION TECHNOLOGY

2018-2022

- Chhatrapati Sahu Ji Maharaj University, Kanpur
- Graduated in 2022

Senior Secondary School(12th Grade)

2016-2018

- Kendriya vidyalaya No.2 chakeri kanpur, UP (CBSE)
- Passed in 2018