Sujal Sharma

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Experience

Systems Engineer — Pune, INDIA
Infosys Limited — *October 2022 - Present*

- Architected and delivered a cutting-edge, end-to-end web application that harnesses the synergy of Java, Spring, Angular, MySQL, and Docker technologies.
- This holistic solution has led to a 40% increase in user productivity and a 25% reduction in data processing time, empowering users to analyze.
- Served as a Scrum Master for a cross-functional team of 4 developers, leading daily stand-up meetings and managing product backlogs.
- Implemented agile methodologies to enhance team efficiency, resulting in a 20% reduction in development cycle times and a 15% increase in project delivery predictability.

Skills

C | Java | Python | Machine Learning | Spring | TypeScript | Angular | MySQL | Git | JUnit | AWS | MongoDB

Education

Chaudhary Charan Singh University — Meerut, INDIA
Bachelor of Technology in Information Technology (3.2 GPA) — *August 2018 - June 2022*

Muslim Inter College — Mau, INDIA
Higher Secondary (77%) — *July 2016 – May 2018*

Projects

FoodAdda | *Java, Spring, Angular, MySQL, Kafka* — October 2022 - December 2022

- Designed, and developed robust RESTful APIs that efficiently handled data flow between the back end and front end.
- Achieved an average API response time of under 100 milliseconds, ensuring a responsive user experience.
- Increased customer engagement by 25% through the integration of real-time order tracking via Kafka. Reduced server resource consumption by 30% through efficient API design and optimization.
- During the COVID-19 pandemic, many restaurants adopted contactless solutions to continue operating while minimizing the risk of virus transmission.

Predicting Heart Disease | *Python, Machine Learning* — March 2022 - June 2022

- Developed a cutting-edge heart disease prediction model using Python's data analysis and machine learning capabilities.
- Employed advanced statistical techniques for data pre-processing, leading to a 15% increase in data accuracy.
- Reduced data preprocessing time by 40% by leveraging SkLearn's preprocessing capabilities.
- Made a meaningful contribution to the medical field by providing a tool for early heart disease detection, potentially impacting countless lives.

Hospital Management System | *Java, Swing, JDBC* — July 2021 - Dec 2021

- Devised an intuitive GUI interface that seamlessly interacted with a MySQL database, enhancing user experience and efficiency.
- Engineered an optimized MySQL database architecture using JDBC, resulting in a 25% reduction in average data retrieval time.
- The system manages records for 10,000+ patients and handles 5,000+ appointments per month.
- Achieved a 95% user satisfaction rate among hospital staff through user-friendly GUI design. Reduced data entry errors by 20%, improving patient data accuracy and reducing medical errors.

Achievement

- Scored 80% in Foundation Program at Infosys
- Improved problem-solving by solving over 400 DSA questions on LeetCode.