

Rushikesh Khamkar

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SUMMARY

Results-driven Software Engineer with extensive software development and testing experience and a strong background in full stack development. Proven ability to design, implement, and deliver customer facing software solutions, and to invent high-quality applications. Adept at collaborative nature in Agile methodologies, implementing modern tools and methodologies for efficient project execution. Enthusiastic about code instrumentation and open-source software development.

EDUCATION

Master's degree in Computer Science | Texas Tech University, Lubbock, Texas | 08/2021 - 05/2023

Bachelor's degree in Computer Engineering | Pune University, Pune, India | 06/2016 - 06/2019

EXPERIENCE

Full Stack Developer | Texas Tech University | 09/2021 - 05/2023

- Led requirements analysis and software development for university applications, collaborating with IT teams.
- Automated enrollment & triage processes, reducing paperwork by 80% by participating in the development and coding phase.
- Managed and optimized relational databases, performed code reviews, ensuring data integrity and application security.
- Developed automation bash scripting to streamline routine database maintenance tasks.
- Conducted Manual and automated testing procedures, Deployment strategies and implemented a access management system.
- Relevant Tools: Python, Salesforce, Informatica, Selenium, JIRA, Microsoft Office, Zoom, Git

Backend Software Engineer | Accenture | 08/2019 - 06/2021

- Collaborated with Cross-functional teams to design and develop CRM enterprise solutions for 30000+ banking employee.
- Played a pivotal role in the entire software development lifecycle with CI/CD, from requirements gathering to deployment.
- Worked directly with banking clients to gather and analyze their specific requirements to improved productivity by 45%.
- Designed and developed customized CRM solutions to address the unique challenges faced by internal banking employees.
- Enhanced the platform's UI to optimize user experience and to increase employee's daily efficiency by 60%.
- Ensured microservice architecture integration with 3rd party products for enhancing data accuracy and accessibility.
- Performed test automation procedures and debugging steps for monitoring and to rectify any issues.
- Maintained comprehensive documentation of system analysis / system architecture, workflow, and user guides.
- Relevant Tools: JavaScript, Node.js, Express.js, MongoDB, Postman, Selenium, Confluence, Teams, JIRA

PROJECTS

Human-in-the-loop Design with CNN and LSTM Model for Emotion Recognition | 12/2022 - 05/2023

- Built predictive prototype with CNN and LSTM ML/AI algorithm and NLP techniques for Emotion Recognition.
- Integrated a Human-In-The-Loop design with machine learning model to enhance model accuracy by 80%.
- Designed a user interface for model prediction and feedback.
- Relevant Skills: Python, CNN, LSTM, NLP, User Interface Design

E-Commerce Web Application using Java Framework | 01/2022 - 05/2022

- Designed an e-commerce application using Java Spring MVC and Hibernate for customer information management.
- Utilize OOPs principles and MVC design patterns for software architecture to increase scalability for End user by 80%.
- Relevant Skills: Java, SpringBoot, Hibernate, HTML, CSS, SQL

Text-to-speech converter using AWS Lambda and Amazon Polly | 08/2021 - 12/2021

- Developed a text-to-speech converter using AWS Cloud infrastructure, AWS Lambda and Amazon Polly.
- Integrated the converter with a web application for user text-to-speech conversion.
- Relevant Skills: AWS Lambda, Amazon Polly, AWS S3

SKILLS

Technical Skills – Java, JavaScript, Python, Node.js, React, Typescript, REST API, SQL, MongoDB, RDS, Docker, Kubernetes, Terraform, JSON, Jenkins, C#, Linux Command line, Data structures, Algorithms, Object oriented programming, Git

Soft Skills – Communication skill, Problem-solving, Adaptability, Meticulous Attention to detail, Teamwork, Resiliency to difficulty