Rushikesh Khamkar

Philadelphia, PA, 19131 • rushi.khamkar1234@gmail.com • +18067600163

linkedin.com/in/khamkar-rushikesh/ • github.com/Rushikesh1234

SUMMARY

Results-driven Software Engineer with over 3 years of experience in software development, with a strong focus on full-stack development and backend engineering. Proven ability to deliver high-quality software solutions and improve performance in Agile teams. Enthusiastic about leveraging scripting languages, cloud services, and open-source contributions to drive innovation and operational excellence.

SKILLS

Technical Skills –
- **Backend**: Java, Node.js, Python, REST APIs, Microservices
- **Frontend**: React.js, JavaScript, HTML
- **Database**: SQL, NoSQL (MongoDB), Oracle
- **Cloud & DevOps**: GCP (Google Cloud Platform), Salesforce, Informatica, CI/CD (Jenkins, Git), Docker

Soft Skills – Effective Communication, Problem-solving, Willingness to learn, Time Management, Teamwork, Attention to Detail

EXPERIENCE

Application Developer | University of Maine System | 2023 - Present
- Leading the integration of multiple data sources for streamlined data validation and model deployment, enabling application monitoring and enhancing system performance.
- Spearheading the development of a cross-platform manager application using Bash and PowerShell, significantly improving operational efficiency by reducing manual work by 60%.
- Collaborating with business analysts and users to translate functional requirements into technical specifications for data pipelines and data engineering tasks, maintaining documentation for all routines developed.
- Optimized complex SQL queries to improve database performance, enhancing the overall scalability and operational efficiency of the university's data systems.

Software Developer | Texas Tech University | 2021 - 2023
- Collaborated with IT teams to lead requirements analysis and software development for university applications, resulting in successful project delivery and meeting business needs.
- Streamlined enrollment and triage processes by participating in the development and coding phase, leveraging server-side development with Java, and reducing paperwork by 80%.
- Optimized database performance and created stored procedures using Python to enhance functionality, security, and data integrity.
- Proactively engaged in the configuration of REST APIs and parse XML/JSON data, contributing to efficient data integration for business needs.

Backend Software Engineer | Accenture | 2019 - 2021
- Collaborated with cross-functional teams to design and develop CRM enterprise solutions for 30,000+ banking employees, integrating REST microservice architecture with 3rd party products to enhance data accuracy and accessibility.
- Played a pivotal role in the entire software development lifecycle, incorporating object-oriented design patterns and CI/CD practices from requirements gathering to deployment.
- Designed and developed customized CRM solutions to address unique challenges faced by internal banking employees, enhancing operational efficiency by 60%.
- Worked directly with banking clients to gather and analyze requirements, tailoring solutions to their needs and contributing to a 45% improvement in productivity.

PROJECTS

Human-in-the-loop Design with CNN and LSTM Model for Emotion Recognition
- Built a predictive prototype using CNN, LSTM, and NLP techniques for emotion recognition.
- Integrated a Human-In-The-Loop design with machine learning models, achieving a 90% accuracy rate in model predictions.

E-Commerce Web Application using Java Framework
- Designed an e-commerce application using Java Spring and Hibernate, managing customer information with high efficiency.
- Employed OOP principles and MVC design patterns, enhancing product quality by 80% for end users.

EDUCATION

Master's degree in computer science | Texas Tech University | 2021 - 2023
Bachelor's degree in computer engineering | Pune University | 2016 - 2019