

# Rushikesh Khamkar

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## 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, Oracle, NoSQL (MongoDB)
- **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

- Design, develop, and maintain databases and applications by creating schemas, optimizing SQL queries, and ensuring data integrity, significantly enhancing system scalability and performance.
- Integrate diverse data sources to enhance validation and model deployment, improving operational efficiency.
- Develop a cross-platform manager application using Bash and PowerShell, automating tasks to reduce manual effort by 60% and streamline processes.
- Collaborate with business analysts and teams to translate requirements into technical specifications for data pipelines, integrating databases with applications and maintaining detailed documentation.

### Software Developer | Texas Tech University | 2021 - 2023

- Led requirements analysis and software development for key university applications, aligning solutions with business needs.
- Reduced paperwork by 80% through improving enrollment and triage processes using server-side Python development.
- Enhanced database performance and security by creating stored procedures with Python.
- Configured REST APIs and managed XML/JSON parsing for seamless data integration.

### Backend Software Engineer | Accenture | 2019 - 2021

- Engineered CRM solutions for 30,000+ banking employees, integrating REST microservices to enhance data accuracy and accessibility.
- Played a key role in the software development lifecycle, implementing object-oriented design and CI/CD practices from requirements to deployment.
- Implemented custom CRM features with JavaScript and MongoDB, increasing operational efficiency by 60%.
- Collaborated with banking clients to tailor solutions, resulting in a 45% boost 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**