

Rushikesh Khamkar

Lubbock, Texas, 79415 • rushi.khamkar1234@gmail.com • +1(806)-760-0163
linkedin.com/in/khamkar-rushikesh/ • github.com/Rushikesh1234

EDUCATION

Texas Tech University, Lubbock, Texas
Master's degree in Software Engineering

August 2021 – May 2023
GPA: 3.50/4.0

Pune University, Pune, India
Bachelor's degree in Computer Science

June 2016 – June 2019
GPA: 3.52/4.0

EXPERIENCE

Texas Tech University, Lubbock, Texas

Student Assistant

May 2022 – May 2023

- Automated marketing for undergraduate student enrollment using **Salesforce, Python and Informatica**, resulting in increased efficiency, and streamlined processes.
- Developed and maintained codebase**, ensuring smooth operation and customization of competitive systems. Conducted **code reviews** and integrated systems for enhanced performance.
- Applied expertise in **computer architecture, data structures, algorithms, and design patterns** to design and implement Apex triggers, classes, process builders, and flows. Managed system specifications, platform upgrades, and data administration in Salesforce.

Accenture, Mumbai, India

Software Engineer

August 2019 – June 2021

- Collaboratively with cross-functional teams in an **Agile methodology environment** to gather requirements effectively.
- Participated in product requirement discussions, ensuring integrity, and organized technical specifications based on conceptual design and business needs, resulting in user-friendly solutions. Conducted thorough testing and debugging of programs when required.
- Led the development of high-quality architecture and successfully built a Banking Application using **modern full-stack technologies**, such as **JavaScript, HTML, CSS, and Node.js**. This application effectively addressed customer queries and provided seamless user experiences and security.
- Managed and optimized the implementation strategy of various backend technologies, including database design and management using **MongoDB and SQL, RESTful API development**, and server-side programming using frameworks like **Express.js**.
- Implemented front-end enhancements and features using modern frameworks and libraries like **React.js**, ensuring responsive and intuitive user interfaces.
- Deployed automated testing frameworks, including **unit testing and integration testing**, to ensure the reliability and stability of the application. Employed **test-driven development (TDD) and behavior-driven development (BDD)** approaches to identify and resolve code issues and defects promptly.
- Utilized version control systems like **Git** for collaborative development and continuous integration tools like **Jenkins** for automated builds and **CI/CD deployments**. Worked closely with project management tools like **JIRA** for efficient task management.

PROJECTS

Human-in-the-loop Design with CNN and LSTM Model for Emotion Recognition

December 2022 – May 2023

- Built a predictive prototype to analyze the Emotions for Text Dataset using **CNN and LSTM machine learning models**.
- Integrated the machine learning model with the **Human-in-the-loop design** for accepting feedback from the user to increase the model performance without retraining the model for the new input data which gains the 40% accuracy of the model.
- Designed a User Interface to display Model prediction and accept User Feedback to enhance model accuracy.

Airbnb-replica Web Application using MERN stack

January 2022 – May 2022

- Developed a full stack booking application using **MERN (MongoDB, Express, React, Node) stack**, showcasing strong proficiency in these technologies.
- Created an Airbnb clone with comprehensive functionality, including features such as user registration, login, account management, accommodation listing, photo uploads, booking capabilities, and more.

Text-to-speech converter using AWS Lambda and Amazon Polly

August 2021 – December 2021

- Developed a text-to-speech converter using **AWS Lambda and Amazon Polly** to convert text files into lifelike speech.
- Set up an AWS account and created an **S3 bucket** to store the text files for conversion and, Configured **Amazon Polly** by creating a new IAM user with necessary permissions for the service.
- Utilized **AWS Lambda** to write a function that integrated with **Amazon Polly to convert text files stored in the S3 bucket** to speech and, Integrated the text-to-speech converter with a web application to enable text-to-speech conversion for users.

SKILLS

Technical Skills – Java, JavaScript, Python, NodeJS, ExpressJS, ReactJS, TypeScript, RESTful API, HTML, CSS, JSON, jQuery, Salesforce CRM, AWS Cloud, MongoDB NoSQL, MySQL Database, OOPs, AI, Machine Learning, SpringBoot, C, Maven, Selenium, Postman, Cucumber, GitHub, Git, Jenkins, JIRA, Microsoft Office, TensorFlow, VS Code, IntelliJ

Soft Skills – Effective Communication, Problem-solving, Data structures and Algorithms, Coding, writing test case, Adaptability, Time management, Teamwork, Committed, Fast-paced and Attention to detail, Analytical thinking, Creativity, Self-motivation, Innovation