

Rutuja Padgilwar

Software Engineer

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SUMMARY

Results-driven software engineer with 4+ years of expertise in both technical implementation and customer-centric solutions. Skilled in optimizing performance and eager to tackle challenging opportunities in dynamic environments.

PROFESSIONAL SKILLS

Programming: Java | Spring MVC | Python (Flask, Django) | Databases (SQL, MongoDB, Firebase, PostgreSQL) | ReactJS | HTML | CSS | JavaScript | TypeScript | GraphQL

Technologies: AWS | Git | Apache Tomcat | Docker | Kubernetes | Apache Kafka | Jenkins | Jira | Datadog | Splunk

PROFESSIONAL EXPERIENCE

Global Tech Teams, USA

Jul 2023 - Current

Job Title: - Software Engineer

- Built and optimized eCommerce web and server-side solutions with Java and React JS, cutting load times by 30% and enhancing overall performance.
- Create and execute unit and integration tests to ensure code quality, while performing code reviews to maintain best practices.
- Address live site issues promptly, ensuring high system reliability and smooth operations.

Infosys, India

Jun 2021 - Jul 2022

Job Title: - System Engineer

- Led the migration of an internal networking tool to a cloud-based web application using agile methods, achieving 100% automation and seamless coordination with cross-functional teams.
- Implemented a micro-service with REST APIs that reduced client configuration time by 5 hours per day.

Mindbrowser Info Solutions, India

Jun 2019 - Jun 2021

Job Title: - Software Developer Engineer

- Partnered with product managers to build micro-services for lacking feature of an API management framework reducing manual work to 0% and boosting system integrity.
- Deployed a hybrid recommendation model that boosted conversion rates by 30% and increased customer retention by 20%.
- Designed and implemented the architecture for an eCommerce platform that scaled to 2M users, improving response times by 20%.

EDUCATION

Portland State University, Oregon (GPA: 3.8) - Master of Science in Computer Science

Sept 2022 - Apr 2024

- **Coursework:** Full stack development, ML, Software Engineering, Algorithms, LLM, NLP, Intro to DBMS.

SGGSJET, Nanded, India (GPA: 4.0) – Bachelor in Computer Science

Aug 2016 - May 2020

PROJECTS

Portland State University HelpBot with Langchain Integration (Large Language Model) - PSU, Oregon.

- Integrated Langchain and OpenAI's LLMs into PSU HelpBot, achieving a 70% improvement in response time for graduate program inquiries and enhancing information retrieval with a high-accuracy RAG system.

National Park Dashboard (Full Stack Development) - PSU, Oregon.

- Created data visualizations with REST APIs for weather forecasts and alerts, and enhanced functionality with voice assistance and chatbot integration using Dialog Flow ES and Flask, boosting user engagement by 45%.

ASL ISL Sign language to text conversation (Deep Learning) – India.

- Applied ResNet50, RNN, and CNN with Keras for deep learning, and developed a website to collect 100+ sign language videos, increasing disability awareness. (site: <https://asl-dataset.web.app/>)

INTERESTS

Community Service, Participating in Hackathons, Piano, Travel.