

RAJ PAREKH

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Software Engineer with 4+ years of experience in web application development. Skilled in frontend development with React and TypeScript, backend API development using SpringBoot, and implementing secure authentication systems. Working knowledge of SQL, Python, and Auth0 for comprehensive full-stack solutions.

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER

MagMutual Insurance Company

August 2021 - Present

- Develop and maintain a sales application for insurance agents using React and TypeScript for frontend, Java/SpringBoot for backend, and Python API for specialized policy calculations.
- Implement Auth0 authentication system to ensure secure access and protect sensitive insurance data.
- Create interactive 3D components using Three.js to enhance user experience and data visualization.
- Collaborate with cross-functional teams to implement new features and enhance functionality for the application.
- Establish and maintain CI/CD pipelines using GitHub Actions for code formatting, linting, and automated testing.
- Implement comprehensive frontend testing using Playwright and backend unit testing with JUnit, achieving 80% test coverage across both codebases.
- Monitor code quality standards and maintain coverage metrics using SonarCloud.

SOFTWARE DEVELOPER INTERN

MagMutual Insurance Company

June 2021 - August 2021

- Contributed to building frontend application from scratch using React.
- Contributed to design decisions and implemented data visualization features using AM Charts.

DEVOPS INTERN

MagMutual Insurance Company

June 2020 - August 2020

- Built a chatbot to automate alert processing and execute infrastructure commands using JavaScript and Node.js.
- Integrated chatbot with Slack to run Terraform scripts for spinning up and down AWS servers through user commands.

SKILLS

Programming Languages

JavaScript, TypeScript, Python, Java

Frontend & Backend

React, Next.js, CSS, SpringBoot

Database

SQL, Oracle Database, PostgreSQL

Development Tools

Git, GitHub, GitHub Actions, JIRA

Testing & Quality

Playwright, JUnit, SonarCloud, Auth0

EDUCATION

MASTER OF SCIENCE, COMPUTER SCIENCE

University of Central Florida

2019 - 2021

POST GRADUATE, COMPUTER SCIENCE

Maharaja Sayajirao University of
Baroda, India

2018 - 2019

BACHELOR OF SCIENCE, COMPUTER SCIENCE

Indira Gandhi National Open
University, India

2015 - 2018