

Shubham Rawat

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SUMMARY

Software Developer with over 3 years of experience in designing and building scalable, cloud-native applications across diverse environments. Skilled in multiple programming languages and cloud platforms, with a strong focus on delivering robust, integrated solutions. Recently contributed to the integration of Generative AI services into core product offerings, enhancing user experience through intelligent assistance and intuitive workflows. Actively incorporate AI agents and GenAI tools into daily development workflows to accelerate delivery, improve coding standards, and ensure comprehensive handling of edge cases. Passionate about leveraging AI to simplify complex systems and drive user engagement. Seeking to contribute to innovative teams that prioritize performance, usability, and forward-thinking technology.

EXPERIENCE

• PlanSource India Operations Pvt. Ltd.

Bengaluru, India

Software Engineer (Full-time)

April. 2025 - Present

Associate Software Engineer (Full-time)

August. 2023 - March. 2025

- Designed and implemented end-to-end architecture for multiple web applications, contributing across **backend** (API development), **frontend**, and **GenAI**-based features with 100% test coverage.
- Developed and maintained scalable web applications using the **Ruby on Rails** framework, with comprehensive test coverage through **RSpec**, and optimized data modeling and queries on **PostgreSQL** and **MySQL** databases.
- Built username and password reset flows via a **RASA-based chatbot**, enabling users to resolve account issues through conversational UI.
- Collaborated with a team from AWS to develop a smart benefits assistant that used user demographics and survey data to deliver personalized recommendations.
- Contributed to the architecture and backend development of a virtual assistant powered by **AWS Bedrock**, enabling users to query platform knowledge and trigger system tasks using natural language.
- Replaced embedded **Looker** dashboards with **Superset** in the user-facing app, independently leading the integration and saving over \$200K in licensing costs.
- Researched and **developed multiple GenAI initiatives**, including a document summarization tool, data extraction system, and a KPI dashboard chatbot, etc.
- Incorporated AI agents and GenAI tools into daily development workflows to accelerate delivery, improve coding standards, and ensure comprehensive handling of edge cases.

• MountBlue Technologies Pvt. Ltd.

Bengaluru, India

Software Development Engineer (Contract - PlanSource)

August. 2022 - July. 2023

- Developed an event-driven system using **AWS SQS** and **Lambdas** for processing and transmitting bulk data to business partners.
- Wrote production-ready code and **developed a comprehensive testing framework** to validate API data accuracy, followed by implementing a **CI/CD pipeline** to automate test execution and ensure reliable, defect-free deployments.
- Contributed to **monolithic and microservices** architecture in Ruby and JavaScript, while ensuring error-free code in tightly coupled systems.

TECHNICAL SKILLS

- **Programming Languages:** Ruby, Python, Javascript, Java, SQL
- **Databases:** PostgreSQL, MySQL, Redis, Snowflake, DynamoDB
- **Cloud:** AWS
- **Tools/Technologies:** Docker, Git, OpenAI, LangChain, RASA, AWS Bedrock, Postman

EDUCATION

• College of Engineering Roorkee

Roorkee, India

B.Tech in Computer Science and Engineering; Percentage: 67.30

July. 2014 – June. 2018

• Doon International School

Dehradun, India

XII CBSE; Percentage: 84.60

April. 2012 – May. 2013