

Shubham Rawat

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SUMMARY

- Over two years of experience developing web applications using Ruby on Rails, FastAPI, and React.
- Extensive experience with AWS services (S3, EC2, Lambda, DynamoDB, SQS) and Docker for containerization.
- Maintained and enhanced a RASA-based chatbot, and worked on multiple generative AI projects using LangChain and OpenAI.
- Strong understanding of Object-Oriented Programming and SOLID principles.
- Skilled in Test-Driven Development, ensuring comprehensive test coverage and defect-free code.
- Experienced in utilizing the Agile Scrum framework, adhering to its best practices for optimal project delivery.

EXPERIENCE

• PlanSource India Operations Pvt. Ltd.

Bengaluru, India

Associate Software Engineer (Full-time)

Aug. 2023 - Present

- Collaborated with cross-functional teams to develop and deploy web applications and services. Worked on both backend and frontend, developed new APIs, and ensured 100% test coverage. Additionally, handled frontend development using JavaScript and CSS.
- Enhanced a chatbot by adding features for password resets, username retrieval, and answer queries regarding the subscription, enabling users to easily obtain information without navigating the UI.
- Integrated an LLM-based GenAI model into business dashboards, enabling users to obtain insights by querying the dashboards directly.
- Set up and integrated an open-source BI and visualization tool, Superset, to the product, saving over \$200k in expenses.
- Worked on the Tray.io platform to automate data pipelines and ecosystem integrations responsible for managing crucial data, involving clients that brought in millions of dollars in revenue.
- Integrated pendo.io to gather insights on user behavior on the platform, aiding in better product decisions.
- Conducted multiple proof-of-concepts to identify and implement innovative AI features, including a summary generation tool and a data extraction and filtering system for automated data seeding.

• MountBlue Technologies Pvt. Ltd.

Bengaluru, India

Software Development Engineer (Contract - PlanSource)

Aug. 2022 - July. 2023

- Established a comprehensive testing framework to generate complex mock data for validating ETL pipelines.
- Developed an event-driven system using AWS SQS and Lambdas for processing and transmitting crucial data to business partners.
- Implemented CI/CD pipelines for automated testing and code deployment.
- Developed monolithic and microservices architecture in Ruby and JavaScript, with test cases using RSpec, Minitest, Jest, Mocha, etc.

EDUCATION

• College of Engineering Roorkee

Roorkee, India

Bachelor of Technology 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

PROGRAMMING SKILLS

- **Languages:** Javascript, Ruby, Python, Java, SQL
- **Technologies:** AWS Cloud products (EC2, S3, SQS, OpenSearch, Lambda, API Gateway), Databases (mySQL, Postgres, Snowflake, Redis, AWS DynamoDB), Docker, RASA, LangChain, OpenAI API, Web frameworks (Rails, FastApi, ReactJS, Spring), tray.io, pendo.io

PROJECTS

- **Instagram Clone:** Instagram clone web app. having features to follow other users and see their posts; and like and comment on them. App was hosted on AWS EC2 machine and user uploads were stored on AWS S3. The users could sign up and use the social media app as per their authorization.
- **Flight Booking web app:** Flight booking app where a admin can create flight schedules and users can book flights for themselves. Used postgres to store data.
- **Fundraiser website frontend:** Fundraiser website where users can see the goals of the organization and can donate for the cause. Implemented just the frontend to learn UI for websites.