

# Prabhav Setia

Bengaluru, India

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in prabhavsetia

github.com/prabhavsetia

## Professional Summary

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Software Engineer specializing in AI-powered enterprise automation, scalable full-stack platforms, and workflow systems. Experienced in React.js, Node.js, TypeScript, Python, RAG pipelines, and LLM-integrated operational tooling serving enterprise-scale environments.

## Technical Skills

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**Languages:** JavaScript, TypeScript, Python, SQL

**Frontend:** React.js, HTML5, CSS3, Bootstrap, Responsive Design

**Backend / APIs:** Node.js, Express.js, REST APIs, API Integration, JWT Authentication, Role-Based Access Control, Microservices

**AI / Automation:** OpenAI API, LangChain, Prompt Engineering, AI Agents, LLM Integrations, Knowledge Retrieval Workflows, GitHub Copilot, Claude Code, Gemini CLI, OpenAI Codex

**DevOps / Cloud:** Microsoft Azure, Docker, CI/CD, GitHub Actions

**Databases:** MongoDB, MySQL, PostgreSQL

**Enterprise Systems:** Workflow Automation, Admin Platforms, Enterprise Applications, Workflow Systems

**Tools:** Git, GitHub, Jira, Postman, VS Code, Confluence

**Methodologies:** Agile, Scrum, Sprint Planning, Release Management

## Experience

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### Accenture

Software Engineer — AI Automation Platform

Dec 2025 – Present

- Architected and led an AI-driven L1/L2 support automation platform spanning 33 Siemens service groups across DATA&AI and IT DA departments.
- Designed PostgreSQL schema, REST contracts for 6 microservices, RAG pipelines, and a React.js monitoring dashboard for enterprise-scale incident workflows.
- Engineered AI automation workflows using LangChain, PostgreSQL vector search, Claude-sonnet-4.6 and OpenAI text-embedding-3-large to process 290+ tickets/day across 33 service groups.
- Reduced ticket resolution effort by 94% (16 min → under 1 min), saving 78+ operational hours/day through RAG-based knowledge retrieval and automated response generation.
- Led sprint planning and technical execution for the automation platform; reviewed PRs for 3 junior developers and owned production support for Siemens-wide incident workflows.
- Collaborated with internal stakeholders and external customer teams to drive incident resolution and workflow modernization.

Associate Software Engineer

Sep 2023 – Nov 2025

- Designed and developed 4 REST APIs for the Enterprise Admin Cockpit covering temporary access provisioning, owner/deputy management, Snowflake project health checks, and billing retrieval.
- Enabled 20 platform admins to independently debug customer issues across SDC environments without relying on support escalation workflows.
- Developed a React.js + TypeScript admin portal for a no-code drag-and-drop agent builder platform supporting 30,000+ users and 50–70 operators.
- Eliminated support-team-mediated access bottlenecks, reducing debugging turnaround time from hours to minutes through self-service operational tooling.
- Contributed to Agile sprint delivery, production deployments, and issue resolution for a CMS-backed platform serving 60,000+ end users; supported workflow modernization across multiple operational services.

## Projects

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### ShubhJyotish Service Platform

Live Demo | GitHub

React.js, Node.js, Express.js, MongoDB, REST APIs, JWT Authentication

- Designed and developed a production-grade full-stack service platform using React.js, Node.js, Express.js, and MongoDB with scalable frontend and backend architecture.
- Built responsive UI modules, reusable React components, REST APIs, authentication workflows, and database-driven service management features for end-to-end platform operations.
- Managed application deployment, debugging, performance optimization, API integration, and production support across the complete application lifecycle.

## Education

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### Bachelor of Technology in Computer Science (IoT Specialization)

Chandigarh University

Mohali, Punjab, India

Jun 2019 – Jun 2023