Rutwik Patel

📞 +91 70233 79995 ✉ rutwikpatel08@gmail.com 🔗 linkedin.com/in/rutwikp

Summary

Backend Engineer (5+ years) specializing in Node.js, Golang, and AWS, with proven experience building scalable systems and cloud infrastructure in fast-paced startups. Strong track record of taking products from 0–1 and scaling to thousands of users while optimizing cost and reliability. Actively seeking a **long-term backend-focused role (2–3+ years)** to contribute to product depth, architecture, and engineering culture.

Technical Skills

Languages: Golang, Node.js, JavaScript/TypeScript, Python
Frameworks: Express, Django
Databases: PostgreSQL, MongoDB
Cloud/DevOps: AWS (EC2, Lambda, Fargate, CodePipeline, S3, CloudWatch), Docker, Azure
Other: DSA, WebSockets, LangChain, CI/CD, Problem Solving

Experience

ColorTokens   Jul 2025 – Aug 2025
MTS-3   *Bangalore, India*
- Implemented **Tenant Lifecycle** feature in NG-Backend service, enhancing tenant onboarding and management workflows.

GeoServe   Oct 2024 – Apr 2025
SDE-2   *Bangalore, India*
- Integrated **Microsoft OAuth 2.0 SSO** across 4 internal products, streamlining authentication.
- Developed APIs for **DB Sync, GeoOne, and Voyage Optimization**, ensuring production readiness from Figma specifications.

Pulse Energy   Aug 2023 – Sep 2024
SDE-2   *Bangalore, India*
- Designed and launched a **payment settlement module**, automating T+3 reconciliations for EV payments.
- Built **Paybox APIs** enabling UPI and FASTag-based charging payments across stations.
- Developed an **AI-powered chatbot backend** for EV diagnostics, route planning, and error handling using LangChain + OpenAI APIs.
- Managed AWS infrastructure with **blue/green deployments** and automated pipelines; deployed Node.js services with PM2.

Masai   Sep 2020 – Jan 2022, Oct 2022 – Jul 2023
SDE-1 / SDE-2   *Bangalore, India*
- Architected and owned the **Online Judge backend**, supporting 3k+ users and 100+ concurrent evaluations.
- Reduced infrastructure costs by **70%** with EC2 spot instances and custom auto-scaling strategies.
- Developed **adaptive Admission Test system** with real-time sync, CI/CD, and proctoring.
- Integrated **Whisper** for 1500+ daily transcriptions and automated evaluation with ChatGPT API.
- Led **DSA problem design**, mock interviews, and assessment contests across cohorts.

Savage   Feb 2022 – Oct 2022
SDE (Founding Engineer)   *Bangalore, India*
- Owned AWS infrastructure and backend services; translated product requirements into technical designs.
- Implemented monitoring with **alerts and latency tracking**, improving reliability.
- Delivered user-facing features including **progression check-ins and personalized event flows**.

Amazon   Jan 2020 – Jul 2020
SDE Intern   *Gurgaon, India*
- Developed **file scanning service** on ECS Fargate with auto-scaling and alerting.
- Provisioned infra via **AWS CDK & CloudFormation**; worked with Java + AWS SDKs.

Education

Nirma University, Institute of Technology   Jul 2016 – May 2020
B.Tech. in Information Technology   *Ahmedabad, India*
- CGPA: 7.3/10
- Coursework: Data Structures, Algorithms, OOP, DBMS
- ICPC Asia Regional 2018 participant; ranked top 103 in India