

Software Engineer with 4+ years of experience building scalable backend systems and cloud infrastructure in fast-paced startup environments. Proven ability to take products from 0-to-1 and scale to thousands of users. Strong experience in Node.js, Python, AWS. Actively seeking a long-term, backend-focused role where I can grow for 2–3+ years and contribute meaningfully to engineering culture and product depth.

- Skills**
- **Languages:** Python, NodeJS, Javascript/Typescript
 - **Framework:** Express, Django
 - **Database:** PostgreSQL, MongoDB
 - **Cloud DevOps:** AWS (EC2, Lambda, Fargate, CodePipeline, S3, CloudWatch), Docker
 - **Other:** Data Structures & Algorithms (DSA), WebSockets, LangChain, CI/CD, Problem Solving

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| SDE | GeoServe | October | April |
| <ul style="list-style-type: none">• Integrated Microsoft OAuth 2.0 SSO across internal products (GeoStem, GeoPerform, GeoConnect, GeoNext).• Worked on three separate repositories—DB Sync, GeoOne API, and Voyage Optimisation API—building APIs based on Figma design specifications. | | | |

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| SDE | Pulse Energy | August | August |
| <ul style="list-style-type: none">• Designed and implemented a payment settlement module to automate T+3 settlements from user to charge point owners bank accounts.• Developed Paybox APIs to enable UPI and FASTag-based EV charging payments.• Built and owned an AI-powered chatbot backend for EV users using LangChain and OpenAI APIs, handling real-time diagnostics, route planning, and error resolutions. Managed AWS infra with blue/green deployments using AWS CodeDeploy/CodePipeline. Deployed Node.js services using PM2 for robust process management. | | | |

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| SDE | Masai | September | Jul |
| <ul style="list-style-type: none">• Architected and Owned backend for Online Judge platform, supporting ~3000 users and 100+ concurrent code evaluations.• Created a custom scaling algorithm for contest load handling and also added a custom contest feature which cut contest creation time by 25%.• Built an adaptive Admission Test system with real-time code editor sync (via WebSockets), CI/CD, and proctoring features.• Integrated Whisper for video transcription (~1500/day) and automated evaluation with ChatGPT API.• Reduced infrastructure cost by 70% using EC2 spot instances and custom auto-scaling based upon current running submissions and number of cores running.• Led DSA problem design, mock interviews, and assessment contests across multiple cohorts. | | | |

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| SDE Intern | Amazon | Jan | Jul |
| <ul style="list-style-type: none">• Developed “Abhaya” file scanning service on ECS Fargate with auto-scaling and ticket-based alerting system.• Provisioned infrastructure using AWS CDK & CloudFormation; worked with Java, Guice, and AWS SDKs.• Tools: SQS, Lambda, Step Functions, API Gateway, CloudWatch, VPC endpoints, DynamoDB. | | | |

ACADEMIC BACKGROUND

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| Ahmedabad | India | Institute of Technolog | Nirma University | Jul | Ma |
| <ul style="list-style-type: none">• B.Tech. in Information Technology. CGPA: 7.3/10• Main coursework: Data Structures, Algorithms, Object-Oriented Programming, Database Management System• Participated in ICPC Asia Regional 2018; Team ranked top 103 in India | | | | | |