
SIDDHANT GHOSH

FULL-STACK & DEVOPS ENGINEER

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Profile

Full-Stack & DevOps Engineer with 5 + years of experience architecting scalable cloud systems across AWS, GCP using Terraform, and NestJS/Django. Passionate about building startup-grade distributed applications, optimising CI/CD pipelines, and driving product delivery end-to-end. Experienced across startup and enterprise environments, now focused on delivering scalable, production-grade cloud solutions within structured teams.

Skills

- **Cloud & Infrastructure:** AWS (EC2, Lambda, Cognito, VPC, S3, CloudWatch), Terraform (Cloud & CLI), Jenkins, GitHub Actions, GitLab CI/CD
- **Backend:** Node.js (NestJS, Express), Python (Django), Java (Spring Boot)
- **Frontend:** Angular (v7 +), ReactJS
- **Mobile:** Kotlin, Java (Android)
- **DevOps Practices:** IaC, Containerisation (Docker), CI/CD, Kubernetes, Monitoring & Logging (Prometheus/Grafana/AWS CloudWatch)
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Others:** GCP, IBM Watson, Blockchain (DeFi, theGraph), NLP for ML grading

Experiences

Software & DevOps Engineer, Amdocs, Remote — Dec 2024 — Present

Worked as a Backend Engineer in the System Integration team to facilitate fast onboarding of new clients. Being exposed to a large team and a detailed planning, I now understand the differences between a startup and an established company.

Software & DevOps Engineer, BlokSports, Remote — 2021 — 2024

Was responsible in designing, developing and implementing the distributed architecture for a Blockchain based Betting platform. During my time here, since the team size was small, I was exposed to a lot of different aspects of an organisation such as design, conducting UATs, understanding requirements of a client first hand, etc.

Backend & Web Developer, Deqode, Remote — 2020 — 2021

Here I worked in multiple projects which varied from simple data ingestion and showcase of Token Swap on the Ethereum mainnet using theGraph and also on a project which utilised IBM Watson Media to host virtual events during the COVID pandemic.

Android & Web Developer, Minemark Solutions, Pune — 2019 – 2020

I was responsible for optimising Android and iOS applications which were used to conduct initial screening of candidates for a job position. I was incharge of developing a facial and sound recognition system which would be used to authenticate any candidate while they are giving their online interviews. I also worked on the Machine Learning team where we used NLP (primarily) to grade long form answers given by the candidates.

Freelancer, Various Projects, Remote — 2016–2019

During my graduation to help me monetarily, I had picked up various small projects which I could find using online chat rooms to help me fund my expenses. These included small android applications, simple Java Servlets or Spring Boot applications.

Education

CDAC Pune, India — PG Diploma, Mobile Computing (2019)

Pune University, India — B.E., Computer Engineering (2018)
