

# Satvik Gupta

Software Developer, Hyderabad

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| [Website](#) | [Github](#) | [LinkedIn](#) | [LeetCode](#)

## WORK EXPERIENCE

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### *Associate Member of Technical Staff -> Member of Technical Staff (Aug 2025)*

**Salesforce, Hyderabad** | [AWS](#) | [Kubernetes](#) | [Terraform](#) | [IaC](#) | [AI](#)

June 2024 - Present

- Developed and engineered infrastructure, services, and applications for Salesforce Workspaces — zero-setup cloud dev environments.
- Drove migration from EC2 instances to K8s-based pods and Spring-based Control Plane to K8s-based controllers
- Designed K8s CRDs and wrote custom reconcilers and controllers for them, using Kubebuilder.
- Standardized provisioning of dataplane resources using Terraform, reducing human error.
- Created dev container features for metrics reporting, periodic maintenance via S6, for better customer experience.
- Reduced Workspace provisioning time from ~18 minutes to 10 minutes (44% improvement)
- Enabled Cursor for 2200 developers, via secure SSH access to Workspaces via opkssh.
- Removed tech debt, pruned dead code, refactored legacy code.

**Software Engineer Intern, Salesforce, Hyderabad** | [Spring Boot](#) | [Golang](#) | [Temporal](#) May 2023 - July 2023

- Designed and developed a notification system for cloud-based development Workspaces.
- Enabled terminal-triggered alerts using Go CLI, Spring Boot and Slack SDK
- Prototyped reliable scheduling with Temporal workflows.

**Technical Content Writer Intern, Coding Ninjas, Delhi** | [AWS](#) | [DSA](#) | [Puppet](#)

Sept 2022 - Dec 2022

- Wrote 30+ technical guides on AWS, Puppet, Cryptography, etc.
- Explained complex tools through hands-on walkthroughs.

**Flutter Developer Intern, CRIS, Ministry of Railways, Delhi** | [Flutter](#)

Aug 2021 - Oct 2021

- Kicked off design revamp adopted app-wide. Architected bilingual (Eng/Hindi) support with future-proof i18n.
- Upgraded Flutter → 40% faster builds, 30% faster launch.

## PROJECTS

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**DTU-DCE Fraternity Forum's Flutter App** | [App Store \(Archive\)](#) | [Play Store \(Archive\)](#)

[Flutter](#) | [JWT](#) | [REST](#)

- Led mobile dev for DTU-DCE Fraternity Forum using Flutter. Built a secure app with JWT auth + REST backend integration. Collaborated with the backend team to build an API spec, and with Forum President and Secretaries as stakeholders.
- Launched on iOS + Android, with 100+ downloads and 5 star rating.

**Personal Website & Infra** | [Website](#) | [Github](#) | [Lucid](#)

[AWS](#) | [S3](#) | [Cloudfront](#) | [Github Actions](#) | [Typescript](#)

- Built a personal website using my own templating engine (Lucid).
- Hosted the website on AWS S3, served via Cloudfront. Cloudflare handles DNS and ACM handles certificates.
- Used Github Actions to deploy the website automatically on push to main branch.
- Setup isolated staging and production environments, and CI/CD pipelines for both.

**TEDxDTU's Website & App** | [Github](#)

[Flutter](#) | [Firebase Auth](#) | [Firestore](#) | [MongoDB](#) | [Mongoose](#) | [AWS](#) | [GCP](#)

- Designed and deployed backend infra: EC2, then moved to GCP. Used NGINX as a reverse proxy + Node.js backend, certbot + Let's Encrypt for SSL, moved to Vercel for serverless to reduce costs.
- Developed and launched a cross-platform app (Flutter) + site (Next.js). 8k users in 20 days, 2/3rds of tickets sold online.

## TECHNICAL SKILLS

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- Golang, Python, Terraform, JavaScript/Typescript, Java, Bash
- AWS, Kubernetes, Docker, Kubebuilder, Spring Boot, Node.js, Flutter
- IaC, AI, CI/CD, Observability, TDD

## EDUCATION

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**B.Tech (Computer Engineering)** - Delhi Technological University, 2020 - 2024, **9.48 GPA**

**CBSE Class XII** - 2020, **95%**

**CBSE Class X** - 2018, **96%**

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