

ANANT GUPTA

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Experience

Software Engineer Intern | *Growspace* | Java, Spring Boot, PostgreSQL, Redis, Kafka, Angular **Jan 2026 - Present**

- Built a JWT + Redis authentication system with login, logout, token refresh, password reset, cross-device session invalidation, and concurrent session control (max 5 active sessions per user).
- Designed and implemented a multi-tenant organization hierarchy (Seed, Root, Child, Orphan) with organization-level feature provisioning and fine-grained Role-Based Access Control (RBAC).
- Designed and optimized an event-driven rule engine using Kafka, Redis, and cron schedulers for telecom SIM management, supporting automated actions and scalable evaluation for tens of millions of SIMs.
- Build fault-tolerant execution with Kafka fan-out patterns and idempotent event handlers across dedicated action services for email, SMS, reporting, and inventory operations.
- Wrote unit tests with JUnit and Mockito; maintained 80% coverage standards via SonarQube.

Open Source Contributions

DBeaver Community Edition | *Java, SWT, Eclipse RCP, Maven* **2026**

- Approved PR #41337: Implemented theme-aware compiler log colors by replacing hardcoded SWT colors with configurable theme definitions, improving dark-theme accessibility.
- Authored PR #41349: Fixed theme-refresh regressions causing object editor panels and result grids to retain stale colors after Dark↔Light theme switches.

Lichess | *Scala, TypeScript, Play Framework* **2026**

- Authored PR #20715: Fixed UI theming inconsistencies for custom image backgrounds by introducing reusable adaptive hover styling.

FFCS on the Go | *JavaScript, HTML* **2024**

- Merged PR #247: Added VIT-AP campus support by integrating campus-specific course and timetable data into FFCS on the Go.

Projects

VITor — Faculty Rating Platform | Next.js, React, Firebase, Tailwind CSS |  Live **2025**

- Built a full-stack anonymous faculty review platform covering 1500+ faculty and 500+ reviews across all VIT campuses.
- Implemented Firebase authentication, campus-based access control, rate limiting, and paginated review APIs.

CraVIT — Food Ordering Platform | Flutter, Firebase, Razorpay |  GitHub **2025**

- Developed a modular monorepo with separate student and seller apps; integrated Firebase Auth, Razorpay payments, and real-time push notifications via FCM.

Skills

Languages: Java, SQL

Frameworks: Spring Boot, Node.js, Express, Angular, React, Next.js, Flutter

Databases: PostgreSQL, MySQL, MongoDB

Tools: Kafka, Redis, GCP, AWS, Firebase, Git, JUnit, Mockito

Core CS: DSA, OOP, DBMS, OS, CN, System Design (basic)

Achievements & Competitive Programming

Solved **600+** DSA problems on LeetCode with a contest rating of **1600+**.

Education

Vellore Institute of Technology | B.Tech Computer Science | CGPA: 8.39

2022 – 2026