

Swapnil Agrawal

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Education

B.Tech, Information Technology

Expected 2026

KIET Group of Institutions (CGPA: 8.13)

Achievements & Leadership

- **President, Team ERP:** led **10-member team** delivering **3 production apps** used by **10,000+** users with a **4.5 + rating**.
- **Flipkart Grid 7.0 Semifinalist:** selected from **100,000+** participants nationwide.

Certifications

- **Cisco Python Essentials 1 & 2** – Cisco Networking Academy (2025)
- **Microsoft Cloud Computing** – Microsoft Learn (2022)

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, SQL

Backend / APIs: Django, Flask, REST APIs, WebSockets, PostgreSQL, MySQL, MongoDB

Mobile / Android: React Native, Android SDK, Firebase (Auth, FCM Push Notifications), Push Notifications

Web / Frontend: HTML5, CSS3, ReactJS, Bootstrap, TailwindCSS

DevOps / Tools: Git, GitHub Actions (CI/CD), Docker, AWS, Linux

Experience

President – Team ERP

May 2023 – Present

- Led **10–15 developers** managing **10,000+ user records**; improved the efficiency of team delivery by **25%**.
- Designed and implemented **SQL queries** and **OOP-based modules** for **ERP workflows**.
- Built and deployed **QR Code check-in system** reducing manual event registration by **60%**.

Full-Stack Developer Intern – Educator's Labs

Jan 2025 – Mar 2025

- Developed **Python** and **SQL scripts** for automation and **real-time data handling** for **1000+ active users**.
- Optimized **REST APIs** and network calls, reducing latency by **30%** and improving system performance.

Python Developer – Wareline Technologies (Part-Time)

Jul 2025 – Aug 2025

- Upgraded **CI/CD pipelines** using **GitHub Actions** and **Docker**, improving deployment reliability by **50%**.
- Automated **notification workflows** and managed **user data** using **Python & SQL**.

Projects

HRMS – Accounts Module ([See Here](#))

Automated **tax deductions (accuracy 90%)** using **SQL OOP modules**; integrated **payment gateway (adoption 80%)** and reduced **payroll processing time** by **30%**.

RANN – Sports Fest Portal ([See Here](#))

Processed successful **80% transactions** for **5000+ participants**; automated **50% of administrative tasks** with **SQL backend logic**.

Predine – Food Delivery App ([See Here](#))

React Native + Django app with **2000+ daily orders**; implemented **real-time order tracking** and **secure payments**.

KIET Kaksha – Attendance App ([See Here](#))

Deployed for **7500+ students/faculty**; reduced **bundle size** by **20%** and digitized **attendance workflows**, saving **70% manual effort**.