UTTKARSH RUPAREL

+91-9885000237 | rupareluttkarsh2309@gmail.com | linkedln | portfolio | github | leetcode

Skills

Languages: Java, C/C++, JavaScript, TypeScript, Python, SQL, Bash
Tools & Frameworks: AWS(EC2, RDS, S3), Docker, Kubernetes, Linux, Node.js, Express.js, FastAPI, Redis, Next.js, ReactJS, Tailwind, PostgreSQL, MongoDB, Prisma, Supabase, Git/GitHub, GitHub Actions, Postman, Vercel, Render
Architecture & Fundamentals: System Design, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, Database Management Systems, Computer Organization & Architecture, Software Development Methodologies (Agile/Scrum, SDLC)
Core Competencies: Problem Solving, Analytical Thinking, Attention to Detail, Adaptability, Teamwork, Communication

Projects

Anchor — Automated Student Productivity Platform
Next.js, TypeScript, Supabase, Redis
- Built authentication, onboarding, and academic workflows with a structured UI flow; optimized Redis caching to reduce load time **1500 ms → 250 ms (80% faster)**.
- Developed scalable, modular APIs for assignments, attendance, and schedules, improving maintainability across the system.

BitLink — URL Shortener & QR Code Generator
ReactJS, Node.js, Express.js, MongoDB
- Built short-link and dynamic QR generation features with an analytics dashboard optimized for high-frequency usage across up to **100** active users.
- Load-tested with **10K+** requests, maintaining **120–180 ms** latency under burst traffic to ensure consistent performance

GradCircle — Alumni Engagement & Donation Platform
ReactJS, Node.js, Express.js, Supabase
- Implemented JWT auth, RBAC, donation processing, and voicebot integration.
- Optimized Express + Supabase queries through indexing to reduce API response times from **~400 ms to ~150 ms (60% faster)** during donation and alumni workflows.

Education

B.Tech in Computer Science & Engineering |	**CGPA: 7.425**
Symbiosis Institute of Technology, Pune	(2023 - 2027)
Higher Secondary Education |	**Percentage: 85.5%**
Excellencia Junior College, Secunderabad	(2021 - 2023)
Secondary Education |	**Percentage: 85.5%**
Pallavi Model School, Secunderabad	(2020 - 2021)

Leadership & Achievements

Hackathon Finalist – ACE 2.0 (2025): Selected among **400+ teams** for developing a smart governance platform to unify public services.

Competitive Programming Co-Head, GDSC SIT Pune (Apr 2025 – Present): Organized coding contests, workshops, and mentorship sessions, engaging **100+ students** and fostering a strong coding culture.

Social Media Head, SymbiTech'25: Directed digital outreach and event promotion, boosting participation by **20–25%**; coordinated a GDSC-powered event to enable cross-community collaboration.

Certifications

AWS: Cloud Practitioner Essentials
HackerRank: SQL (Basic & Intermediate), Problem Solving (Intermediate)