

# UTTKARSH RUPAREL

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## Skills

**Languages:** Java, C/C++, JavaScript, TypeScript, Python, Bash, SQL

**Tools & Frameworks:** AWS (Cloud Fundamentals), Supabase, Vercel, Render, Docker, Kubernetes, PostgreSQL, MongoDB, Prisma, Next.js, ReactJS, Node.js, Express.js, Flask, FastAPI, Spring Boot, Redis, Git/GitHub, Postman, Tailwind

**Architecture & Fundamentals:** System Design, Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Organization & Architecture, Computer Networks, Database Management Systems, Software Development Methodologies (Agile/Scrum, SDLC)

**Core Competencies:** Problem Solving, Analytical Thinking, Adaptability, Teamwork, Communication, Attention to Detail

## Projects

### VerQ – College Placement Automation Platform

- Developed recruiter and student dashboards in React, reducing page load time from **~3s to ~1.9s** through pagination and optimized state updates.
- Improved responsive layouts using Flex/Grid, cutting mobile UI issues by **~40%** based on tracked defects.

### GradCircle – Alumni Engagement & Donation Platform

- Developed full frontend and implemented JWT-based authentication and RBAC to manage role-specific alumni and admin features.
- Containerized application with Docker, reducing environment setup by **70%** and preparing for scalable cloud deployment.

### BitLink – URL Shortener & QR Code Generator (Solo Project)

- Built end-to-end web app (React + MongoDB) for short links, QR codes, and real-time analytics.
- Optimized performance to handle **10K+ simulated clicks**, reducing task completion time by **25%** through bulk management tools.

## Education

### B.Tech in Computer Science & Engineering |

Symbiosis Institute of Technology, Pune

CGPA: 7.425

(2023 - 2027)

### Higher Secondary Education |

Excellencia Junior College, Secunderabad

Percentage: 85.5%

### Secondary Education |

Pallavi Model School, Secunderabad

(2021 - 2023)

Percentage: 85.5%

(2020 - 2021)

## Leadership & Achievements

**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.

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

**Google Developer Groups Hackathon (2025):** Managed media and documentation for a national-level event, ensuring professional coverage and smooth execution.

## Certifications

AWS – Cloud Practitioner Essentials

HackerRank – SQL (Basic & Intermediate), Problem Solving (Intermediate), Node.js (Basic), Frontend Developer (React)