

# HARSH AGARWAL

Software Engineer

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## EXPERIENCE

### Backend Developer

Tata Consultancy Services

09/2024 – Present  
Gandhinagar, Gujarat

- Collaborated in a 60-member agile team, engaging in cycle planning, review sessions, and code handoffs.
- Developed and tested backend components for ICAI UDIN & CPE platforms, including mobile app QA and validation.
- Implemented and debugged REST APIs and SQL queries, improving reliability and performance for production workflows.

### Full Stack Developer

NullClass

01/2024 – 07/2024  
Bangalore, Karnataka

- Developed a full-stack technical Q&A platform inspired by community forums, enabling users to post questions, answer peers, upvote content, and manage profiles using authentication and a reputation system.

## PROJECTS

### AI-Powered RFP Management System (MERN + TypeScript + AI) | GitHub

- AI-driven MERN app that converts plain-English purchasing needs into structured RFPs, emails vendors, and imports replies from Gmail.
- TypeScript-based Node/Express backend and React frontend to extract, score, and compare vendor proposals using AI.

### Job Ready – Interview Prep Platform (MERN) | GitHub

- Full-stack MERN app with coding challenges, progress tracking, and XP-based gamification.
- Built secure auth, REST APIs, and dashboards using Node.js, Express, React, TypeScript, and MongoDB.

### CodeQuest – Q&A Platform (React, Node.js, MongoDB, Vercel/Render) | GitHub

- Q&A web app with login, question/answer, upvotes, and profiles.
- Implemented React frontend and MongoDB-backed REST APIs with Node.js/Express.

## CERTIFICATIONS

- Learn Java - Pro (CodeChef Certified)
- Google AI Essentials (Google Certified)
- Introduction to Career Skills in Software Development(Linkedin Certified)

## EDUCATION

### Bachelor of Technology (B.Tech), Computer Science Engineering

BLDEA's V P Dr PG Halakatti College of Engineering & Technology  
2020 – 2024

## KEY ACHIEVEMENTS

Awarded distinction in TCS Wings for Business Skills & Articulation (top 5% performers).

Secured Second Runner -Up in a 24 hour National Level Hackathon (CodeFiesta 3.0)

## SKILLS

### Languages

Java | JavaScript | TypeScript | SQL | Python

### Frameworks

Spring Boot | React | Node.js | Express

### Core Concepts

OOPS | DSA | DBMS | Microservices Architecture | RESTful API Design | Software Testing & QA