

# Shubh Kumar

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LinkedIn | GitHub | LeetCode | Portfolio

## Profile Summary

Full Stack Developer specializing in **MERN** and **Next.js** based AI-enabled web applications, with hands-on experience in React.js, Next.js, Node.js, Java, Python and database systems. Skilled in building responsive front-end interfaces, developing scalable REST APIs, and integrating AI models such as OpenAI into real-world applications. Proven ability to collaborate in teams and deliver cloud-deployed full-stack solutions.

## Education

<b>B.Tech in Computer Science and Engineering</b> KCC Institute of Technology and Management (AKTU)	09/2022 – Present CGPA: 7.5
<b>Senior Secondary (XII)</b> Don Bosco Academy	2020 – 2022 67%
<b>High School (X)</b> Red Carpet High School	2018 – 2020 84%

## Projects

<b>PathWise – AI Interview &amp; Career Navigator (Team Project)</b> GitHub   Live Demo	10/2025 – Present
<b>Synapse.hr – AI Mock Interview Platform</b> GitHub   Website	06/2025 – 07/2025
<b>AI Tools Finder – Discovery Platform</b> GitHub	10/2024 – 11/2024

- Architected and developed a responsive frontend using **React (Vite)** and **Tailwind CSS**, improving user interaction and accessibility.
- Implemented backend REST APIs with **Node.js** and **Express.js**, enhancing data flow and system scalability.
- Integrated **OpenAI GPT models** to deliver AI-driven mock interviews and personalized career roadmaps.
- Collaborated with team members to design secure authentication using **JWT** and **Google OAuth** with **MongoDB** storage.
- Streamlined interview preparation by providing instant AI feedback and structured learning guidance.

- Designed and built a modern AI-powered mock interview platform simulating real interview environments.
- Developed responsive UI using **Next.js** and **Tailwind CSS**, enhancing user experience and engagement.
- Integrated **Vapi AI** for voice-based interviews, enabling real-time feedback and transcript generation.
- Deployed cloud-based backend using **Firebase**, improving application reliability and scalability.

- Engineered a database-driven web application using **Java, JSP, Servlets, and SQL**.
- Implemented authentication and admin dashboard to manage platform content efficiently.
- Optimized SQL queries, improving data retrieval performance.
- Delivered a responsive UI to enhance tool discovery experience.

## Technical Skills

**Frontend:** React.js, Next.js, HTML5, CSS3, JavaScript, TypeScript, Tailwind CSS

**Backend:** Node.js, Express.js, Java (JSP, Servlets), Python (Flask basics), REST APIs

**Databases:** MongoDB, MySQL, SQL

**AI & ML:** OpenAI API, Vapi AI

**Tools & Cloud:** Git, GitHub, Postman, Firebase, JWT Authentication

**Core CS:** DSA, OOPs, DBMS, API Integration

## Certifications

- Java Web Development with AI – HCL Technologies
- JavaScript Intermediate – HackerRank
- Node.js Intermediate – HackerRank
- SQL Basic & Intermediate – HackerRank