

# KUNAL SHARMA

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## SUMMARY

Versatile and detail-oriented **Full-Stack Web Developer** with hands-on experience in developing scalable, secure, and responsive web applications. Proficient in **Java Web Technologies (JSP/Servlets, Spring Boot)**, **Next.js**, **Angular**, **Tailwind CSS**, and **RESTful API development**. Skilled in implementing **role-based authentication**, **database management with MySQL/PostgreSQL**, and integrating third-party services for real-time communication.

## EDUCATION

### Pranveer Singh Institute of Technology

Dr. APJ Abdul Kalam Technical University, Lucknow

Bachelor of Technology in Information Technology

Graduating May 2026

Kanpur, UP

### Sardar Patel Academy

CBSE: XII & X

May 2022

## TECHNICAL SKILLS

**Programming:** C, Java, JavaScript, Python

**CS Fundamentals:** Operating System, Database Management System, Computer Network, OOPS

**Frameworks:** React.js, Node.js, Express.js, Next.js, Angular, Spring Boot, ShadCN, UI

**Database:** MySQL, MongoDB

**Version Control:** Git, GitHub

**API Development:** RESTful API, JWT Authentication

**Other:** Vonage API integration, MVC Architecture, Responsive UI Design

## ACADEMIC PROJECTS

### LLM-Powered AI Interview Platform | AI Web Project

Jun 2025 - Present

Next.js, Firebase, ShadCN UI, Google Gemini, Vapi

- Integrated a full-stack AI interviewer using Google Gemini LLM; analyzed over 1,000 interview transcripts to refine question generation and improve candidate evaluation accuracy.
- Enable real-time voice interviews with Vapi and tracked sessions via Firebase and Firestore.
- Reduce preparation time by 10+hours; tested by 50+users.

### Hospital Management System | Java Full-Stack Web Development

Dec 2024 – Apr 2025

Angular, Spring Boot, Hibernate, MySQL

- Developed a **Hospital Management System** to manage patients, doctors, appointments, billing, and medical records.
- Implemented **RESTful APIs** using **Spring Boot** and secured them with **JWT Authentication** for role-based access (Admin, Doctor, Patient).
- Integrated **Hibernate ORM** with MySQL for efficient data persistence and complex queries.

### CryptoX | Full-Stack Web Development

Mar 2024 – Aug 2025

ReactJS, Material UI, Coin Gecko API

- Built a real-time crypto dashboard using React and Coin Gecko API to track 500+ digital assets.
- Integrated Material UI for responsive design; scored 95% on Lighthouse performance test.
- Visualized historical trends and market data with clean, interactive UI.

### E-Books Management System | Java Web Development (JSP/Servlets)

Sep 2023 – Jan 2024

Java, JSP/Servlets, MySQL, Apache Tomcat

- Developed a **web-based E-Books platform** allowing users to **register, browse, purchase, and download eBooks** through a secure interface.
- Applied **MVC architecture** using JSP/Servlets for clean separation of concerns, dynamic UI rendering, and maintainability.
- Designed **relational database schema in MySQL** for managing users, books, transactions, and purchase history.
- Deployed the application on **Apache Tomcat** server and optimized performance using connection pooling and query tuning.

## ACTIVITIES

- Rated **38,739** at **LeetCode**(top 5.39% globally) and **Highest Contest Rating: 1864 (Knight Level Badges)**
- Consistently solved **600+ DSA problems** across various coding platforms.
- Completed **150+ days POTD streak** and earned **monthly badge for 4** consecutive months at LeetCode.
- Participating in **CodeKaze 2024 Rank is: 2360 at Coding Ninja (top 5% in India)**.
- Hobbies:** Basketball, Volleyball, Cricket.