

VARUN GUPTA

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EDUCATION

KIET Group of Institutions (AKTU)

Bachelor of Technology in Computer Science and Engineering (8.3 CGPA)

November 2021 – June 2025

Delhi-NCR, India

Suditi Global Academy

Intermediate - CBSE (94%)

April 2019 – March 2020

Etawah, India

Delhi Public School

High School - CBSE (90%)

April 2017 – March 2018

Etawah, India

TECHNICAL SKILLS

Frontend Development: HTML5, SCSS, Tailwind, JavaScript, Thymeleaf, ReactJS, Redux, jQuery, ThreeJS

Backend Development: Node.js, Express.js, Socket.io, NestJS, Spring Boot, Spring Framework, Hibernate, Microservices

Database & Query Languages: MongoDB, MySQL, Firebase, PL/SQL

Dev Tools & Platforms: Git, GitHub, Unix/Linux, Shell Scripting, Firebase, Postman, VS Code

Concepts: Role-Based Access Control (RBAC), Logging & Monitoring, MVC Architecture, Authentication/Authorization

Testing & Quality: Unit Testing (JUnit, Mockito)

Programming Languages: Java, JavaScript, TypeScript, Python

WORK EXPERIENCE

Cognizant Technology Solutions

March 2025– Present

Trainee Engineer

Onsite

- Architected a full-scale **Hospital Management System** using **Spring Boot** and **Spring Security**, with access control for Admin, Doctors, and Patients.
- Designed and executed an appointment module with real-time scheduling and conflict resolution, boosting efficiency by 60%.
- Enforced secure permission handling through clearly defined role boundaries, reducing access-related incidents.

Digizura Pvt Ltd (Project - MentoScale)

July 2024 – Aug 2024

Full-Stack Developer Intern

Remote

- Engineered a **Recruitment platform** using React and **NestJS** to facilitate efficient candidate assignment and tracking, achieving a 30% improvement in panel assignment speed.
- Added user-centered features that increased platform engagement by 15% and enhanced the overall recruitment experience for students and companies.

PROJECTS

WEDESIGNETEES | React.js, ChartJS, NodeJS, ExpressJS, MongoDB, Redux, Socket.IO

April 2024 – June 2024

- Developed a full-featured **MERN-based E-commerce platform** enabling local vendors to sell products online, with a real-time **chat system** (Socket.IO) that reduced customer response time by 50%.
- Implemented an **Admin dashboard** for managing inventory, user engagement, and real-time sales metrics via **ChartJS**, reducing manual overhead by 40% and increasing market accessibility by 25%.

EdTech Website | NodeJS, ExpressJS, MongoDB, Redux, ReactJS, Tailwind CSS

October 2023 – December 2023

- Launched a full-stack learning portal with **secure authentication** and a working payment gateway, built using the MERN stack.
- Implemented **Secure User Authentication and a Payment Gateway**, streamlining transactions with a 90% success rate.

NetflixGPT | ReactJS, Tailwind, Firebase, Gemini, TMDB

June 2023 – July 2023

- Created an AI-powered streaming platform with **Firebase-backed authentication** for secure user registration and profile management.
- Integrated the **Gemini API** and **TMDB for advanced movie search** and recommendations, increasing session length by 25%.

LEADERSHIP / ACHIEVEMENTS

- Selected for Innovation, Design, and Entrepreneurship (IDE) Bootcamp at NITTTR, Chandigarh, organized by **MOE's Innovation Cell (MIC)** and AICTE under the **Ministry of Education**.
- Achieved first runner-up position in the **Hult Prize** competition at the college level.