

Kartik Vats

B.Tech in Computer Science and Engineering
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PROFILE

Second-year CSE student at NIT Kurukshetra passionate about full-stack development, AI applications, and building scalable, real-world solutions using modern technologies. Please check it out on my **Portfolio**

EDUCATION

•Bachelor of Technology in Computer Science

2023–Present

National Institute of Technology, Kurukshetra

CGPA: 8.1

•Higher Secondary

S.R.S. Sr. Sec. School, Rohtak

88.2%

PROJECTS

•Chai – Crowdfunding Social App

2025

Next.js, NextAuth, Razorpay, Vercel

- Authentication via Google/GitHub using NextAuth.
- Integrated Razorpay for in-app payments.
- Friend request system with send/receive/accept/reject.
- Chat feature using WebSockets in progress.
- **Live Demo**

•Code Helper (AI Code Reviewer)

2025

MERN Stack — Deployed

- AI-based code review with Gemini API.
- Real-time feedback with responsive UI.
- **Live Demo**

•Smart Allotment Portal – NIT KKR

2025

ReactJS, Node.js, Express, MongoDB, Nodemailer

- Engineered a MERN stack web app to streamline subject selection and ensure fair allotment for undergraduates.
- Designed an intuitive interface for students and admins, enabling efficient end-to-end enrollment.
- Deployed campus-wide with 4000+ unique views in the first week.
- **Live Demo**

EXPERIENCE

–Developer

Jun 2024 – Present

ISSAC, NIT Kurukshetra

Offline

- * Revamped official NITK website using Next.js with multi-language support.
- * Enhanced UI consistency and scalability.

TECHNICAL SKILLS

Frontend: HTML, CSS (Tailwind, Bootstrap), JavaScript, React, Next.js

Backend: Node.js, Express, NestJS, MongoDB, PostgreSQL, REST APIs, Firebase, Serverless APIs, Sockets

Languages: C, C++, Java, JavaScript, TypeScript, Python

Tools & Tech: Git/GitHub, Google Colab, Jupyter Notebook

Systems & DBs: PostgreSQL, MongoDB, Redis, Firebase

Coursework: System Design (HLD, LLD, SOLID), Networks, OS, DBMS, DevOps, Cloud, VMs, ML/DL

Soft Skills: Leadership, Problem Solving, Communication, Adaptability, Time Management

ACHIEVEMENTS

Selected for ISSAC Developer role after competitive in-house testing.

Completed and deployed 5+ full-stack applications independently.

Finalist at college-level selection for Smart India Hackathon 2024; project nominated for national round.