

# Kapil Kumar

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## Education

**Chaudhary Charan Singh University**

*Bachelor of Computer Science*

Meerut, U.P India

*Aug. 2022 – May 2025*

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Software Engineering
- Database Management
- Artificial Intelligence
- Data Science
- Computer Networks
- Operating System

## Projects

**Eazy Blogging Site** | *React, Redux, Postgres - Prisma, Cloudflare, Tiptap*

**Link** Feb – Mar 2025

- Developed a full-stack web application using cloudflare worker serving a REST API and React as the frontend.
- Implemented auth system using jsonwebtoken to authenticate user and access controls.
- Build user friendly interface with an intuitive text editor and robust serverless backend.
- Used redux toolkit to manage application state on client side.

**Dev Github Explorer** | *React, Github Api, Context Api, Tailwind CSS*

**Link** Jan – Feb 2025

- Developed a high-performance Single Page Application GitHub Explorer using React, Context API, and GitHub REST API to fetch and display real-time GitHub user data.
- Implemented features including user profile view, repository listing with filtering, and recent user activity feed.
- State management using Context API to deliver a smooth, interactive user experience.
- Designed a responsive and intuitive UI for exploring GitHub profiles, repositories, and events seamlessly.

**Restaurant Website** | *Python, Django, SQLite HTML, CSS, JS*

**Link** Dec 2024 – Jan 2025

- Developed and deployed a restaurant management website with dynamic menu management, online ordering, table booking.
- Integrated responsive UI for smooth user experience across devices, and implemented database-driven content management using Django ORM.
- Deployed the application on Render for live production access.
- Features include online reservations, promotional campaigns, and real-time menu updates for festivals.

**Math Calculator Desktop App** | *Swing API, AWT, Jpackage, Java,*

**Github** Dec – Dec 2024

- Developed a Math GUI Desktop App to calculate general math calculations.
- Integrate multiple calculator features like Unit Converter, Base Converter, Age Calculator, Arithmetic Calculator, Trigonometric Calculator, Geometric Calculator, Statistical Calculator, Linear and Quadratic Equation Solver.
- Implemented user friendly application that is simple and intuitive, allowing users to navigate easily.
- Each calculator is designed with precise mathematical formulas to ensure accurate results.

## Technical Skills

**Languages:** Java, Python, R, C/C++, SQL (MySQL), JavaScript, Typescript, HTML/CSS

**Frameworks:** Next.js / React, Express.js, Node.js, Django, TailwindCSS, Material-UI

**Developer Tools:** Git/Github, Postman, Docker, VS Code, Visual Studio, Netbeans, IntelliJ

**Libraries:** Redux, Recoil, Zustand, Zod, ORM - Prisma, Pandas, NumPy, Matplotlib

## Certificates / Achievements

- Achieved 5 star on Hackerrank in javascript, python, java coding.
- Earned Hackerrank coding certificates in javascript and java coding.
- Solved 150 plus DSA problems on platform like Leetcode, GFG, Hackerrank.