

# Abhijeet Kumar

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<https://github.com/abhijeetsinghrajput>    Motihari, Bihar

## Professional Summary

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A proficient MERN Stack Developer with solid knowledge of Data Structures and Algorithms (DSA) and experience building scalable web applications. Possess a strong command of frontend and backend technologies, dedicated to producing clean code, solving problems effectively, and delivering efficient solutions.

## Technical Skills

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- **Languages:** JavaScript, TypeScript, C++, C, Java, Python, HTML5, CSS3
- **Frontend:** React.js, Next.js, Tailwind CSS, ShadCN/UI, Zustand
- **Backend:** Node.js, Express.js, MongoDB, SQL
- **Auth & Security:** JWT, bcrypt.js, Express Rate Limiting, Firebase Auth
- **Tools:** Git, GitHub, WebSockets, Cloudinary, dotenv, Postman, Netlify

## Education

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<b>Master of Computer Application</b> Graphic Era University, Dehradun CGPA: 8.8/10	2024 – 2026
<b>Bachelor of Computer Application</b> Babasaheb Bhimrao Ambedkar Bihar University (BRABU) CGPA: 8.0/10	2021 – 2024

## Projects

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### GEU ERP – Modern Student Portal (2025) — Stack: Next.js, Typescript

- Re-engineered the GEU ERP into a high-performance student portal with smart caching and priority loading.
- Delivered a mobile-first SPA with 3× faster navigation, smart session handling, and optimized API communication.
- Live: <https://geu-erp.vercel.app>

### NoteHub – Collaborative Editor (2025) — Stack: MERN

- Created for students in my college to write, share, and explore notes collaboratively—similar to GitHub but for academic content.
- Built a LaTeX/Markdown editor with smart formatting and VS Code–style interface.
- Live: <https://notehub-production.onrender.com>

### Chess Engine (2024) — Stack: Javascript, C++, DSA

- Built a 2100 ELO chess engine using bitboards and alpha-beta pruning techniques.
- Improved speed using transposition tables and killer move heuristics for pruning.
- Live: <https://chessleague.netlify.app>

## Achievements

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- Solved **750+ DSA problems** on GFG and LeetCode, and built **15+ projects** in Web Development and DSA.
- Ranked among the **top 4.2%** of LeetCode (2023).
- Secured **3rd Rank** in IEEE Hackathon at Kindle Junior 3.0, GEU.

## Hobbies and Interests

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- Problem-solving through practical web and software projects.
- Chess for strategic thinking and focus.
- UI/UX design exploration for better web aesthetics.