

Ayush Rai

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Education

Dr. A.P.J. Abdul Kalam Technical University, Lucknow (AKTU) **2022 – 2026**
Bachelor of Technology (B.Tech), Computer Science and Engineering • CGPA: 8.27

Technical Skills

Languages:	JavaScript, TypeScript, Python, Java, C++, SQL, HTML/CSS
Frameworks/Tools:	AngularJS, Node.js, Express.js, React.js, Next.js, Spring Boot
Databases:	PostgreSQL, MongoDB, MySQL, Prisma ORM
DevOps/Cloud:	Docker, AWS (S3), Git, CI/CD
Expertise:	REST APIs, GraphQL, Microservices, Caching, DSA
Strengths:	Problem Solving, Debugging, Unit Testing, Cross-Team Communication

Experience

Software Development Intern | [CreditSea](#) **Oct 2025 – Present**

Raipur, Chhattisgarh

- Designed and implemented a complete role based Ticketing System for the platform, owning the feature end to end and deploying it for a live user base of **500K+ users**.
- Developed click and install attribution logic to accurately track returning users across sessions, improving visibility into user acquisition and engagement flows.

Full Stack Development Intern | [Sarthi](#) **Jul 2025 – Oct 2025**

Noida, Uttar Pradesh

- Developed scalable full-stack modules supporting **10K+ active users**, aligning React-based UI with high-throughput Node.js REST APIs.
- Improved application responsiveness by **50%** through lazy loading, memoization, and efficient state management.

Software Engineering Intern (Founding Engineer) | [BangHome](#) **Nov 2024 – Jul 2025**

Bengaluru, Karnataka

- Executed MongoDB to PostgreSQL migration with indexed schemas, sustaining **2K–3K daily transactions** at sub-100ms query latency.
- Improved Next.js performance from Lighthouse **30 → 80** and reduced page load time from **3s → 0.5s** using code splitting and render optimization.

Projects

AI Event Organiser | Next.js, Convex, Clerk, TypeScript, Tailwind CSS [🔗](#) **Aug 2025 – Present**

- Built backend services using event-driven architecture with secure API endpoints and AI-driven features, ensuring scalable application logic and clean low-level design.

AI Career Guide | Next.js, Prisma, PostgreSQL, Gemini API [🔗](#) **Apr 2025 – Jul 2025**

- Developed backend APIs with Prisma ORM and PostgreSQL, integrating Gemini API to serve **1K+ monthly users** and improving user engagement by **25%**.

KaamWale – Job Portal | Node.js, Express.js, React.js, MongoDB, JWT, Redis [🔗](#) **Jan 2025 – Mar 2025**

- Built secure backend platform using JWT authentication and REST APIs for **500 concurrent users**, optimizing search queries to achieve **60% faster response times**.

Achievements

- Solved **500+ DSA problems** on LeetCode and HackerRank covering algorithms, data structures, and complexity analysis for real-world problem-solving.
- Maintained **65+ repositories** on GitHub with **1300+ contributions in the last year**, reflecting consistent hands-on development and experimentation.
- Contributed to **open-source projects** implementing bug fixes, feature development, and performance optimizations with maintainable code and communication skills.
- Certifications: **Google Generative AI, IBM Cloud Computing, Scalers System Design, freeCodeCamp Responsive Web Design**.