

AMIYA KRISHNA CHAURASIYA

Software Engineer | Full-Stack Developer | React, Next.js, Node.js, Express.js, PostgreSQL

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Portfolio: amiya-krishna-portfolio.vercel.app | LinkedIn: www.linkedin.com/in/amiya-krishna | GitHub: github.com/Amiya-Krishna

PROFESSIONAL SUMMARY

Full-Stack Software Developer with hands-on experience building and deploying web applications using React, Next.js, Node.js, Express.js, PostgreSQL, and MongoDB. Skilled in RESTful API development, authentication and authorization, database design and optimization, and third-party API integration. Built full-stack projects involving Chrome Extensions, OAuth, analytics, and AI-powered recommendations. Solved 200+ Data Structures & Algorithms problems and seeking a Web Developer / Full-Stack Development Internship.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, Python, C++, SQL, HTML5, CSS3
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming (OOP), Operating Systems
- **Frontend:** React.js, Next.js (App Router), Tailwind CSS, Vite
- **Backend & APIs:** Node.js, Express.js, RESTful API Design, JWT Authentication, Role-Based Access Control (RBAC), Zod Validation, Socket.IO, OAuth
- **Databases & ORMs:** PostgreSQL, MongoDB, Prisma ORM, Database Indexing & Query Optimization
- **Tools & DevOps:** Git, GitHub, Postman, Vercel, Render

KEY PROJECTS

Automated Job Application Tracking System with Email Ingestion and Analytics Pipeline/ React 19, Vite, Node.js, Express 5, PostgreSQL, JWT, Chrome Extension

GitHub: github.com/Amiya-Krishna/Job-Application-Tracker-Portal | Live Demo: job-application-tracker-portal-ten.vercel.app/

- Built a full-stack job application tracking system with a companion Chrome Extension and Gmail OAuth integration to automatically capture job applications from emails and job portals
- Designed and implemented RESTful APIs with JWT authentication, role-based access control (RBAC), and secure multi-user data isolation
- Optimized PostgreSQL queries using indexing and query restructuring to improve API response time on datasets of 500+ records
- Engineered an analytics dashboard with filtering, sorting, and CSV export to support user decision-making
- Implemented backend architecture with schema validation (Zod), centralized error handling, and modular service layers

Collexa — College Decision Intelligence Platform/ Next.js, React 19, TypeScript, Prisma ORM, PostgreSQL, Zod, JWT

GitHub: github.com/Amiya-Krishna/college-discovery | Live Demo: college-discovery-vert.vercel.app/

- Developed a full-stack search and comparison platform for colleges with multi-filter querying and real-time results
- Designed a relational database schema with indexed fields to improve query performance for multi-parameter filters
- Built a secure authentication system using JWT and HTTP-only cookies, including a password reset workflow
- Integrated an external AI-based recommendation API with server-side validation and input sanitization
- Focused on clean REST API design, modular architecture, and backend performance optimization

EXPERIENCE

Software Development Intern (Virtual) - Bluestock Fintech

December 2025

- Automated repetitive internal workflows using Python scripts, reducing manual steps and improving workflow efficiency.
- Worked on backend modules and improved code quality through refactoring and optimization
- Collaborated using Git workflows (PRs, code reviews) in an Agile development environment
- Followed SDLC practices across multiple modules in a team-based engineering setup

Professional Development Program Trainee - Wadhwani Foundation

April 2025

- Completed a 113-hour structured training program focused on workplace readiness and analytical problem-solving, presenting findings to instructors
- Strengthened critical thinking, presented on professional communication, and cross-functional collaboration skills

EDUCATION

Institute of Engineering & Technology (IET), Lucknow

Expected 2028

B.Tech in Computer Science & Engineering - CGPA: 7.85 / 10

ACHIEVEMENTS & CERTIFICATIONS

- Solved **200+ DSA problems**
- Certified in **Full Stack Development & AI/ML – IIT Delhi (EDC)**