AMAN KUMAR

Gaya,Bihar

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Education

VIT Bhopal University   **2022 – 2026**
B.Tech in Computer Science Engineering —-CGPA- 8.29   *Bhopal, Madhya Pradesh*

Delhi Public School , Gaya   **2021 – 2022**
Class 12th – 83.6%   *Gaya , Bihar*

Delhi Public School , Gaya   **2019 – 2020**
Class 10th – 88.2%   *Gaya , Bihar*

Relevant Coursework

- Data Structures
- OOPs
- Algorithms Analysis
- Database Management
- Computer Networks
- Artificial Intelligence
- Operating Systems
- SDLC

Projects

EchoBot | *AI-Powered Frontend Chat Application*   **May 2025**

- Crafted a modern AI chat application using React.js and Vite, implementing advanced UI/UX patterns with Tailwind CSS and custom animations to achieve a 90 % user satisfaction rate.
- Integrated responsive component library featuring parallax scrolling effects, agile pricing toggles, and seamless micro-interactions using React-Just-Parallax and custom hooks.
- Innovated an enterprise-grade frontend architecture with modular components, leveraging atomic design principles and maintaining strict separation of concerns across 20+ reusable components.

FileWare | *Full-Stack File-Management System*   **November 2024**

- Architected a full-stack file management platform using Next.js 14, TypeScript, and Convex backend, implementing real-time synchronization and secure file handling with enterprise-grade authentication via Clerk.
- Embedded a global file sharing feature with 10 minutes of temporary access and expiring file keys enhanced privacy.
- Developed a modern file preview system supporting diverse file types including images, PDFs, text files, and 40 % of other available file types also provides built-in copy functionality and real-time updates using React Query Patterns.
- Implemented an organization-based access control system with role-based permissions, enabling team collaboration features while maintaining strict data security protocols and privacy among users.

Dryerz | *Laundry and Dry Cleaning Booking Website*   **January 2023**

- Developed a responsive full-stack web platform, Dryerz, to facilitate online laundry and dry cleaning service bookings.
- Implemented interactive UI components such as pricing tables, service listings, customer reviews, and delivery scheduling using Bootstrap 4 and jQuery.
- Integrated Google Maps API for real-time location display and embedded dynamic forms for user contact and order details.

Technical Skills

Languages: C, C++, Java, Python, HTML, CSS, JavaScript, SQL
Developer Tools: React.jS, Node.js, Express.js, MongoDb, WordPress
Technologies/Frameworks: MongoDB, PostgreSQL, MySQL, DynamoDB

Certifications

- Bits and Bytes of Computer Networking by Google(Coursera)
- Cloud Computing(NPTEL)
- Marketing Analysis(NPTEL)
- The Complete Full Stack Web Development Bootcamp(Udemy)

Leadership/Additional Information

Management Skills: Worked as a Hotel Manager in Hotel Neel Kamal in Bihar.
Developer Tools: Organized multiple events as the Vice President of the EV Club
Languages: Fluent in English, Hindi