

# AMAN KUMAR

Gaya, Bihar

+91 6201652904

aman.kumar65kr@gmail.com

linkedin/aman45kr

github/aman45

## Education

### VIT Bhopal University

2022 – 2026

B.Tech Computer Science Engineering —CGPA- 8.29

Bhopal, Madhya Pradesh

### Delhi Public School , Gaya

2020 – 2022

Class 12th – 83.6

Gaya , Bihar

### Delhi Public School , Gaya

2019 – 2020

Class 10th – 88.2

Gaya , Bihar

## Relevant Coursework

- Data Structures
- Algorithms Analysis
- Computer Networks
- Operating Systems
- OOPs
- Database Management
- Artificial Intelligence
- 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 Percent 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 percent 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 Bites 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 a Hotel in Bihar.

**Developer Tools:** Organized multiple events as the Vice President of the EV Club

**Languages:** Fluent in English, Hindi