

AMAN SINGH

GitHub | +91 8090192522 | aman.singh.applicant@gmail.com | [LinkedIn](#)

EDUCATION

Bachelor's Degree in Electronics and Communication Engineering | VIT Bhopal University (Affiliated to VIT Vellore)
Relevant Coursework: • Data Structures & Algorithms, Object-Oriented Programming (OOP), Web Development, Database Management Systems (DBMS), Computer Networks and Core subjects

July 2022 – July 2026

Gyandeep Academy School, India
CBSE (Class XII), Aggregate: 80%

2021- 2022

Gyandeep Academy School, India
CBSE (Class X), Aggregate: 81%

2019- 2020

WORK EXPERIENCE

Bharat Sanchar Nigam Limited (BSNL) – Data Center Training Pune, India| **Oct 2024**
In October 2024, I completed industrial training at the Bharat Sanchar Nigam Limited (BSNL) Data Center in Pune, India. During the training, I gained practical experience in telecom infrastructure and data center operations. I worked with technologies involving fiber optic communication, switching systems, and IP networking. I also observed the real-time functioning of routers, switches, and various network protocols used in large-scale telecommunications. Additionally, I attended technical sessions on server maintenance, cloud setups, and telecom-grade security practices, which strengthened my understanding of modern networking and data management systems.

PROJECTS

AI-Powered Chatbot Feb 2025 – Mar 2025 (20D)

- Developed an AI-driven chatbot using Node.js, Express.js, and OpenAI API to provide automated responses.
- Integrated MongoDB for conversation history and WebSockets for real-time communication.

Real-Time Stock Market Dashboard Dec 2024 – Jan 2025 (30D)

- Built a real-time stock market analytics platform using Next.js, Chart.js, and WebSockets.
- Integrated Third-party APIs (Yahoo Finance / Alpha Vantage) to fetch live stock prices.

Multi-Vendor E-Commerce Website Feb 2025– Mar 2025 (50D)

- Developed a scalable multi-vendor marketplace using Next.js, Node.js, and MongoDB.
- Implemented product listing, order management, and real-time inventory tracking.

Licenses & Certifications

Full-Stack MERN Certified [Bhopal, Madhya Pradesh]
25/1/2025 – 24/3/2025

- Completed a hands-on MERN stack internship covering MongoDB, Express.js, React.js, and Node.js.
- Developed and deployed a fully functional web application with authentication and CRUD operations.

VLSI Design Certified Bhopal, Madhya Pradesh]
6/1/2025 – 8/3/2025

- Worked on VLSI design concepts, including digital circuit implementation and FPGA programming.
- Implemented basic digital circuits on FPGA boards using Xilinx ISE tools.

SKILLS

Languages: JavaScript, TypeScript, Python, C++, Java, React.js, Next.js, Node.js, Express.js, MongoDB, MySQL,

Tools & Platforms: Git, GitHub, Firebase, CI/CD (GitHub Actions)

UI/UX Tools: Figma, Adobe XD, Visual Studio Code

Core Competencies:

Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Problem Solving, Competitive Coding