

Farha Ansari

Vellore Institute of Technology Bhopal
Bachelor of Technology Computer
Science and Engineering

Email: farhaansari2022@vitbhopal.ac.in
Phone: 9589326034
LinkedIn: <https://www.linkedin.com/in/farha-ansari-23001b243/>

Technical Skills

Programming Languages: Java, C++, Python, JavaScript (ES6+), SQL, HTML5, CSS3

Web Development: Frontend with MERN Stack

Algorithms and Data Structures: Strong knowledge of sorting, searching, dynamic programming, and graph algorithms

Database Management: MySQL, MongoDB, PostgreSQL

Version Control & Collaboration: Git, GitHub

Deployment Platforms: Vercel, Netlify

Problem-Solving Skills: Experienced in designing efficient algorithms and optimizing code for performance

Projects

1. Diabetes Prediction Model

- Designed and implemented a machine learning model to predict diabetes using Python, Pandas, NumPy, and Matplotlib.
- Conducted data visualization using histograms, box plots, and correlation heatmaps with Seaborn and Matplotlib.
- Pre-processed data by handling missing values, normalizing features, and optimizing feature selection to enhance model accuracy.

2. Book Search Website

- Developed and deployed a fully responsive book search website using Tailwind CSS, HTML, and JavaScript.
- Integrated a comprehensive book database, enabling users to efficiently search and access books online.
- Optimized search functionality for fast retrieval and enhanced user experience with seamless UI/UX design.

Education

Vellore Institute of Technology

Bachelor of Technology Computer Science and
Engineering

Bhopal, Madhya
Pradesh
2022-2026

GPA: 8.05 **Relevant coursework:** Data Structure and Algorithm, Computer Networks, Operating System,
Database Management and systems(SQL), Object Oriented Programming

EXTRACURRICULAR and ACHIEVEMENTS

- Competitive Programming & Problem-Solving:**
- Solved **100+ LeetCode problems** (as of February 2024), actively practicing **Data Structures and Algorithms (DSA)**.
- Solved **200+ coding problems** across multiple competitive programming platforms.
- Technical & Personal Development:**
- Passionate about **reading** (technology & fiction) to enhance knowledge and creativity.
- Strong interest in **dancing** and **singing**, actively engaging in cultural events.
- Sports & Team Activities:**
- Enthusiastic about **basketball** and **badminton**, with experience in team-based sports.
- Soft Skills:**
- Time management, teamwork, problem-solving, attention to detail, engaging presentation**

Industry Certified Courses

- Learn C++ Programming, Udemy
- Learn Python, VITyarthi
- The Bit & Bytes of computer Networking , coursera