Abhishek Bapna

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EDUCATION

Vellore Institute of Technology, Vellore, India　　　　　　　　　　Sep 2022 – Present
Bachelor of Technology in Computer Science and Engineering　　　　　　　　*CGPA: 9.14/10*

RELEVANT COURSES
Courses: Data Structures and Algorithms, Database Management Systems, Computer Networks, Object-Oriented Programming, Software Engineering, Web Development, Computer Architecture, Discrete Mathematics, AWS Solutions Architect

SKILLS

Programming Languages: Java, C++, C, Python, R, MATLAB
Web Development: HTML, CSS, JavaScript, ReactJS, ExpressJS
Database Management: SQL, SQL Plus (Oracle), PostgreSQL
Tools and Platforms: Visual Studio Code, Git, GitHub, StarUML, Vercel, Render
Cloud and Deployment: AWS (Solutions Architect knowledge), Azure (AI Fundamentals Certified)
Soft Skills: Problem-solving, Team Collaboration, Communication, Analytical Thinking, Logical Reasoning

EXPERIENCE

Web Developer and Senior Core Member – IEEE Computer Society, VIT Vellore　　Jan 2023 – Sep 2024
- Led and contributed to various web development activities including responsive UI and static site generation using HTML, CSS, JavaScript.
- Collaborated with team members to deliver IEEE chapter site and microsites for events.

graVITas 2024 – TechFest Volunteer, VIT Vellore　　　　　　　　　　　　　Sep 2024
- Contributed to event planning and logistics during VIT's national tech festival graVITas.
- Assisted in managing large-scale tech events, coordinating with participants and core teams.

PROJECTS

TaskX Pro – Task Management App | React, Node.js, MongoDB, Tailwind CSS　　Live Demo
- Built a full-stack task manager with user authentication and CRUD operations.
- Enabled due dates, Excel export, and pie chart-based task completion analytics.
- Integrated email reminders to notify users before task deadlines.
- Designed responsive UI with Tailwind CSS for seamless usability.

Credit Card Anomaly Detection | Python, Scikit-learn, Streamlit　　Live Demo
- Developed a real-time ML dashboard for detecting fraudulent credit card transactions.
- Implemented Isolation Forest for unsupervised anomaly detection.
- Built a user-friendly Streamlit interface with visual insights and prediction outcomes.

Hospital Management System Website | HTML, CSS, JavaScript, React.js　　Live Demo
- Designed a responsive frontend interface for hospital management operations.
- Included features like patient login, appointment scheduling, and billing interface.
- Created a clean UX-focused layout to simulate real-world healthcare workflows.

ACHIEVEMENTS & CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals (AI − 900)　　　　*Microsoft, Earned June 2025*
- Learned core Azure AI workloads and cloud concepts like scalability, elasticity, and pay-as-you-go model.

Ethnus – MERN Full Stack Internship Program　　　　　*Ethnus, Completed July 2025*
- Completed an internship covering MongoDB, Express.js, React.js, and Node.js, with real-world project experience.

Udemy – The Complete SQL Bootcamp: Zero to Hero　　　　　*Completed July 2025*
- Gained practical SQL skills including data extraction, filtering, joins, aggregation, and database operations using PostgreSQL.

Tata Imagination Challenge 2024 – National Semi-Finalist　　　　　*Tata Group, 2024*
- Selected as one of the National Semi-Finalists among student participants from across India.

Competitive Programming Profiles:
LeetCode: 100+ problems solved
CodeChef: Rating 1600+
CodeForces: Rating 600+
Coding Ninjas: EXP 1000+
GeeksforGeeks: Active Contributor