

Abhik Das

Final Year Student in Computer Science and Engineering

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Summary

Aspiring Computer Science Engineering student in final year with a strong interest for software development. Passionate in applying technical skills in real-world projects while continuously learning emerging technologies to impact society positively.

Skills

- **Languages:** Java, Python, SQL, HTML, CSS
- **Developer Tools:** GitHub, Git, Postman API, Wireshark, Canva, MS Office
- **Libraries and Frameworks:** Panda, Numpy, Scikit Learn, Matplotlib, Seaborn, React, Express, Node
- **Software Development**
- **Web Development**
- **Data Analysis**

Education

VIT-AP University | 2022-2026

Bachelor of Technology in Computer Science and Engineering

- Current CGPA (upto 3rd year): **8.88**

Abhinav English School | 2022

Higher Secondary Education | CBSE

- Percentage: **87%**

Bishop's Co-ed School | 2020

Secondary Education | ICSE

- Percentage: **96%**

Projects

- **Wireshark Network Tracing with Google Maps** – A Network threat visualization tool that tracks IP addresses extracted from Wireshark packet captures (CSV format) and plots their geolocation data on an interactive map. It also integrates IP threat detection via external APIs and provides an analytics dashboard for threat intelligence. Technologies used: Wireshark, Folium, Pandas, Matplotlib, APIs - AbuseIPDB, VirusTotal
- **Employee Management System** – A Comprehensive application designed to streamline employee and HR management processes using SDLC principles. Technologies used: Java Swing, MySQL
- **Hotel Booking System** – A full-stack application built using the MERN stack, providing CRUD functionalities in hotel room bookings with a user-friendly interface. Technologies used: React.js & Bootstrap (Frontend), Node.js & Express.js (Backend), and MongoDB (Database)
- **Spotify Exploratory Data Analysis** – A Data analysis project to uncover insights into music consumption and user behavior using Spotify's dataset. Technologies used: Python Pandas, Numpy, Matplotlib, Seaborn

Certifications

- Cyber Security and Ethical Hacking Certification (Blackbucks Group) - Jun 2025
- AWS Academy Graduate - Cloud Architecting, Cloud Foundations (AWS) - Sept to Nov 2024
- MERN Full Stack Certification Program (Ethnus) - Aug 2024

Activities

- **ByteBattles: Interclub Code Clash (Jan 2024)** – Participated in coding contest organized by Machine Learning Club.
- **Geekathon 1.0 (Oct 2023)** – Built a Travel Planner website (HTML, CSS, JS) during a 24-hour hackathon at VIT-AP.
- **Technical Team Member, GFG Student Chapter VIT-AP (Aug 2023 – Aug 2025)** – Contributed to technical events and discussions.
- **SPM Web Member, CSI VIT-AP Chapter (Sep 2022 – Jun 2023)** – Worked on web projects and technical sessions.

Hobbies and Interests

Reading, Chess, Cricket, Football

Languages

- English
- Bengali
- Hindi
- German