

Kritika Agrahari

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Education

2023 – 2027 **Amrita Vishwa Vidyapeetham**, Chennai, India – Bachelor of Technology (B.Tech), Computer Science

- GPA: 8.51/10
- **Relevant Courses:** Computational Problem Thinking, Computer Hardware Essentials, Data Structure and Algorithm, DBMS, OS

2020 – 2022 **Tilottama Higher Secondary School** – Intermediate in Science

- GPA: 3.19/4.0
- **Relevant Courses:** Computer Science

Skills

- **Programming Languages:** Python, C, C++, JavaScript
- **Databases:** MySQL, PostgreSQL, MongoDB
- **Tools and IDE:** Git, GitHub, Visual Studio Code
- **Technologies:** HTML, CSS, Tailwind CSS, Bootstrap, Node.js, React, Linux

Soft Skills

- Synergistic Team Engagement
- Prioritization and Efficiency
- Emotional Intelligence
- Adaptive Problem Handling

Academic Projects

Library Management System:

- Developed a comprehensive library system using C++ for backend operations and MySQL for database management.
- Optimized database queries to handle large-scale data, reducing administrative workload by 40%.
- Designed user-friendly interfaces for managing book inventories, student registrations, and borrowing functionality.

Zerodha Clone:

- Designed a trading platform clone using React for a modular, component-based frontend architecture.
- Built RESTful APIs with Express.js to handle user transactions and real-time data updates.
- Leveraged MongoDB for efficient data storage, ensuring scalability to simulate over 1,000 transactions.

Achievements and Certifications

- **Apna College (FULL STACK WEB DEVELOPMENT):** Developed 3+ customizable applications with hands-on experience in frontend and backend technologies, including React, Node.js, MongoDB, Material UI, Tailwind CSS, and Redux.
- **Microsoft Azure Fundamentals:** Completed a course with an accuracy of 95%, demonstrating foundational understanding of cloud computing and core Azure services, including virtual machines, storage, networking, and Azure security management, enhancing cloud knowledge by approximately 30%.
- **Computer Network Fundamentals:** Finished a course with hands-on experience in networking concepts including setup, troubleshooting, and security, achieving 90% accuracy in practical exercises, and improving practical networking skills by 20%.
- **Public Speaking Course: Improve Your Speaking English Fast:** Successfully completed with an accuracy of 92%, enhancing public speaking skills and boosting confidence in delivering effective presentations.