

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

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

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

Skills

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

Soft Skills

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

Academic Projects

- **Tkinter-Lexeme-Checker:** Implemented an interactive Python spell checker utilizing tkinter for the GUI and TextBlob for text analysis, improving text correction efficiency by 30% for users.
- **EJS Template:** Constructed an innovative web application using Express.js and EJS for rendering customized user profiles; increased average session duration by 25% through improved navigational features tailored to individual users' interests.
- **Cake Ordering Site:** Created a responsive website for an online bakery, offering a user-friendly interface for browsing and ordering cakes.
- **Library Management System:** Crafted a comprehensive system for managing book inventories, student registrations, and borrowing functionality, reducing administrative workload by 40%.
- **Zerodha Clone:** Built a trading platform clone featuring a user-friendly interface, utilizing a RESTful API in Express.js for data handling, React for a dynamic UI, and MongoDB for scalable data management, simulating over 1,000 transactions.

Achievements and Certifications

- **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.