

Computer Science student with hands-on experience in building and deploying full-stack applications using React, Node.js, and MySQL. Experienced in deploying cloud-based projects on AWS with Docker and automating CI/CD pipelines, reducing deployment time by 30%. Skilled in designing efficient, user-friendly applications and passionate about applying full-stack and DevOps expertise to create scalable solutions in collaborative team environments.

PROJECTS

Note Taking	Ongoing
<ul style="list-style-type: none">Developed a full-stack note-taking app with create, update, delete, and view features.Built a responsive frontend with React.js and RESTful backend using Node.js and Express.js.Streamlined application deployment using Docker and GitHub Actions CI/CD pipeline, decreasing deployment time by 90% and enabling 5x more frequent updates based on user feedback.Technology: React.js, Node.js, Express.js, Docker, GitHubLink and Results: https://github.com/NEEL2330/Note-taking	
Banking System	Dec 2024
<ul style="list-style-type: none">Built a full-stack banking system with features to create accounts, view balances, and manage customer data.Designed the frontend with React.js and developed optimized backend APIs using Flask and MySQL, achieving 20% improvement in data retrieval timesContainerized services with Docker and deployed on AWS EC2 using GitHub Actions for CI/CD..Technology: React.js, Flask, MySQL, Docker, AWS EC2, GitHub ActionsLink and Results: https://github.com/NEEL2330/Banking-system	

WORK HISTORY AND EXPERINCE

The Electric Vehicle Club
<ul style="list-style-type: none">Technical Co-Lead (Oct 2024 – Apr 2025)<ul style="list-style-type: none">Managed a technical team of 12 members, technical aspects of the club’s projects and guided the development process.Streamlined internal data collection and organizational processes using Excel and Google Sheets, improving data handling efficiency by over 30%.Optimized web form integration and performance, which reduced form submission errors by 15% and improved user experience.Skills: HTML, CSS, JavaScript, Data Management, Form Handling, Problem-Solving.Core Member (Feb 2024 – Oct 2024)<ul style="list-style-type: none">Designed and expanded a website to showcase the club's activities, increasing global reach and engagement.Skills: HTML, CSS, JavaScript, Git, GitHub.

SKILLS

Technical: C++, Python, MySQL, Computer Network, Linux, Docker, CI/CD, AWS, Git
Soft: Quick Learning, Problem-Solving, Team Management, Active Listening, Teamwork.

EDUCATION

VIT Bhopal University (B-Tech in Computer Science(Cloud computing and Automation)) – 8.6 CGPA	Sept 2023 – Present
Nirman High School (Class XII) – 81.2%	2022
Zyodus School For Excellence - Godahvi (Class X) – 90%	2020

CERTIFICATIONS

<ul style="list-style-type: none">Fundamentals of AI and ML – Vityarthi (Feb 2025)Python Essentials – Vityarthi (Sept 2024)
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