

EDUCATION

Vellore Institute of Technology	September 2021 - May 2025
Bachelor of Technology-Computer Science-GPA: 8.16	Bhopal, India
Kendriya Vidyalaya	April 2020 - July 2021
All India Senior School Certificate Examination-Science (PCM): Score-88.6%	Ranchi, Jharkhand

SKILLS SUMMARY

- Languages:: C++, Javascript(ES6) , Python, Bash, HTML/CSS , My SQL
- Frameworks & Libraries: React.js, Node.js, Express.js, Flask, Bootstrap, Tailwind CSS, MongoDB
- Tools: Firebase, Docker, OAuth2.0 , Git, GitHub, Postman, VS Code
- Core: Data Structures & Algorithms, Object-Oriented Programming (OOPS), DBMS, Full stack Development
- Industrial: Rest API, AWS Devpos, API Integration, Agile Methodologies

WORK EXPERIENCE

Frontend Developer Intern   <i>Edunet Foundation</i>   <a href="#">LINK</a>	June 23 - August 2023
<ul style="list-style-type: none"><li>◦ Developed an AI-powered Chrome extension for automating LinkedIn message replies, increasing user engagement by 30% by streamlining routine communication tasks.</li><li>◦ Refined AI-generated responses through prompt engineering, and achieved a 95% accuracy rate in personalized replies.</li><li>◦ Designed and tested the extension, ensuring smooth functionality and a responsive user experience across cross-platform devices, with backend communication handled through RESTful APIs for seamless integration.</li><li>◦ Enhanced UI performance and scalability, resulting in a 40% improvement in load time and a 25% reduction in memory usage during high traffic.</li></ul> <p>Key Technologies: React.js, Plasmio, Restful APIs, Prompt Engineering, User Interface (UI), Cross-platform Development, UX</p>	

PROJECTS

AI-Enhanced E-Commerce Solution  <a href="#">LINK</a>	November 24 - December 2024
<ul style="list-style-type: none"><li>◦ Built and deployed a web application hosted on AWS EC2 for automating product listings from social media ads using Gemini AI, AWS Rekognition, and AWS Transcribe, improving content creation efficiency.</li><li>◦ Integrated Apify for efficient data scraping, increasing content creation speed by <b>35%</b> and utilized AWS S3 for secure file storage and retrieval.</li><li>◦ Organized RESTful APIs to enable seamless communication between services, ensuring efficient and reliable backend operations.</li><li>◦ Implemented OAuth2.0 for secure user authentication and leveraged Firebase for scalable, real-time data storage and management.</li><li>◦ Deployed the application within a Docker container, enhancing scalability and optimizing system resource utilization; reduced deployment time by 20%, improving release efficiency for future updates.</li></ul> <p>Key Technologies: React.js, Node.js (ES6), AWS, EC2, S3, RESTful APIs, Apify, OAuth2.0, Firebase, Docker, Real-time Data Storage,</p>	
AI-driven Trip Planner   <a href="#">LINK</a>	October 24 - November 2024
<ul style="list-style-type: none"><li>◦ Designed and executed a responsive web application for personalized travel itineraries using Gemini API, enabling users to plan their trips based on budget and duration inputs.</li><li>◦ Integrated Google Place API and Google Search API to display destination images, improving user engagement by 40%.</li><li>◦ Ensured secure login and data storage using Firebase and OAuth2.0, improving security and user experience.</li><li>◦ Refined API queries using prompt engineering, ensuring high accuracy by 25% in personalized itineraries.</li></ul> <p>Key Technologies: React.js, Gemini API, Google Place API, Google Search API, OAuth2.0, Firebase, Responsive Design, Secure Authentication, AI-based Query Refinement.</p>	
Trading Chart   <a href="#">LINK</a>	April 24 - May 2024
<ul style="list-style-type: none"><li>◦ Created responsive data visualizations using Flask, React.js, and the TradingView Lightweight Library, ensuring 100% cross-device compatibility and enhancing user accessibility by 40%.</li><li>◦ Integrated multiple chart types (candlestick, line) and an advanced date selection feature, increasing analysis depth by 35% for market trends.</li><li>◦ Developed a suite of RESTful API endpoints featuring comprehensive CRUD functionality to streamline interactions between the application's frontend and backend components; decreased latency in data retrieval by 30%. Optimized chart rendering time by 25% through performance optimization, improving overall application responsiveness and scalability.</li></ul> <p>Key Technologies: React.js, Flask, RESTfuls APIs Candlestick Charts, Line Charts, Date Selection, Data Visualization, Market Trend Analysis, Custom Indicators.</p>	

Achievements/Awards

**Coding:** Completed over 600+ coding challenges on LeetCode and earned 15+ badges, gaining in-depth experience with data structures, algorithms, and code optimization.

**GeeksforGeeks Weekly Code Challenge:** Ranked 143rd in the GFG Weekly Code Challenge, highlighting proficiency in competitive programming and the ability to solve complex coding problems efficiently.

Extra-curricular Activities:

Electronic Arts Software Engineering virtual experience program on Forage	December 2024
<ul style="list-style-type: none"><li>• Proposed and documented a new feature for The Sims 4, designing class diagrams and implementing header files in C++.</li><li>• Patched bugs and optimized the codebase by implementing improved data structures, contributing to better performance and scalability.</li></ul>	