

EDUCATION

Vellore Institute of Technology
Bachelor of Technology-Computer Science-GPA: 8.16

September 2021 - May 2025
Bhopal, India

Kendriya Vidyalaya
All India Senior School Certificate Examination-Science (PCM): Score-88.6%

April 2020 - July 2021
Ranchi, Jharkhand

SKILLS SUMMARY

- Languages: C++, SQL, JavaScript, HTML/CSS
- Frameworks & Libraries: React.js, Node.js, Express.js, Flask, Bootstrap, Tailwind CSS
- Cloud & Tools: AWS, Firebase, Docker, MySQL, MongoDB, Apify, Cloudinary, OAuth2.0
- Version Control: Git, GitHub
- Development Practices: Agile Methodologies, Continuous Integration, Continuous Deployment (CI/CD), Restful APIs
- Soft Skills: Excellent communication, Problem-solving, Cross-functional team collaboration, Time management

WORK EXPERIENCE

Frontend Developer Intern | Edunet Foundation | LINK

June 23 - August 2023

- Developed and deployed an AI-powered Chrome extension for automating LinkedIn message replies, increasing user engagement by 30% by streamlining routine communication tasks.
- Refined AI-generated responses through prompt engineering, achieving a 95% accuracy rate in personalized replies.
- Independently designed and tested the extension, ensuring smooth functionality and a responsive user experience across cross-platform devices.
- Enhanced UI performance and scalability, resulting in a 40% improvement in load time and a 25% reduction in memory usage during high traffic.
- Key Technologies: React.js, Plasmio, AI APIs, Prompt Engineering, User Interface (UI), Cross-platform Development, UX

PROJECTS

AI-Enhanced E-Commerce Solution| LINK

November 24 - December 2024

- Built a web application for automating Amazon product listings from social media content using Gemini AI, AWS Rekognition, and AWS Transcribe for data extraction, improving content creation efficiency.
- Integrated Apify for efficient data scraping, improving content creation speed by 35%.
- Implemented OAuth2.0 for secure user authentication and leveraged Firebase for scalable, real-time data storage and management.
- Deployed the app in a Docker container, optimizing its scalability and system resource usage, reducing deployment time by 20%.
- Key Technologies: React.js, Node.js (ES6), AWS, Gemini AI, AWS Rekognition, AWS Transcribe, Apify, OAuth2.0, Firebase, Docker, Real-time Data Storage, Automation, Scalable Solutions.

AI-driven Trip Planner | LINK

October 24 - November 2024

- Developed a responsive web application for personalized travel itineraries using Gemini API, enabling users to plan their trips based on budget and duration inputs.
- Integrated Google Place API and Google Search API to display destination images, improving user engagement by 40%.
- Ensured secure login and data storage using Firebase and OAuth2.0, improving security and user experience.
- Refined API queries using prompt engineering, ensuring high accuracy by 25% in personalized itineraries.
- Key Technologies: React.js, Gemini API, Google Place API, Google Search API, OAuth2.0, Firebase, Responsive Design, Secure Authentication, AI-based Query Refinement.

Trading Chart | LINK

April 24 - May 2024

- Designed responsive data visualizations using Bootstrap and React.js, ensuring functionality across multiple devices and screen sizes.
- Integrated multiple chart types (candlestick, line) with an advanced date selection feature for detailed market trend analysis and health data visualization.
- Enhanced chart capabilities by implementing custom indicators, improving users' ability to analyze trends and make data-driven decisions.
- Key Technologies: React.js, Bootstrap, Candlestick Charts, Line Charts, Date Selection, Data Visualization, Market Trend Analysis, Custom Indicators.

Achievements/Awards

- Coding: Solved 600+ coding questions and awarded 15+ badges on LeetCode, demonstrating expertise in Data Structures and algorithms showcasing strong problem-solving and coding efficiency.
- GeeksforGeeks Weekly Code Challenge: Ranked 143rd in the GFG Weekly Code Challenge, reflecting strong competitive programming skills and problem-solving efficiency.

Extra-curricular Activities:

Electronic Arts Software Engineering virtual experience program on Forge

December 2024

- Proposed and documented a new feature for The Sims 4, designing class diagrams and implementing header files in C++.
- Patched bugs and optimized the codebase by implementing improved data structures, contributing to better performance and scalability.