Vijay T

vt9061@srmist.edu.in — +91-9842024478 — LinkedIn — GitHub — LeetCode

PROFESSIONAL SUMMARY

Passionate Software Developer skilled in designing scalable web applications and robust backend systems. Experienced in MERN stack development, RESTful APIs, Machine Learning integration, and advanced Data Structures. Strong problem-solving abilities and commitment to continuous learning in modern web technologies.

EDUCATION

B.Tech in Computer Science Engineering   2022 – Present
SRM Institute of Science and Technology, Tamil Nadu
CGPA: 7.5 / 10

TECHNICAL SKILLS

Front-end: HTML, CSS, JavaScript, React.js
Back-end: Node.js, Express.js, Python
Database: MongoDB, MySQL
Machine Learning:scikit-learn, pandas, NumPy
Version Control: Git, GitHub
Other Skills: RESTful APIs, Agile Methodology, Debugging, JWT Authentication

PROJECTS

Full Stack Blogging Platform (AI Integrated)

- Developed a full stack blogging web application using the MERN stack with dynamic content features.

- Created secure RESTful APIs for user authentication, blog management, and dashboard functionality.

- Integrated OpenAI's API to auto-generate blog content, enhancing user engagement and content creation speed.

Movie Review Sentiment Analysis using Machine Learning

- Built a logistic regression classifier to analyze sentiment from IMDB movie reviews dataset.

- Used scikit-learn, pandas, and NLP techniques to preprocess text and train the model.

- Achieved over 85% prediction accuracy and visualized results using matplotlib.

Advanced Data Structures and Algorithms in C++

- Designed and implemented complex data structures such as Trie, AVL Trees, Graphs, and Hash Tables.

- Applied Dijkstra's Algorithm, Backtracking, and Dynamic Programming to solve real-world problems.

- Optimized time and space complexity through efficient coding practices.

INTERNSHIP

Full Stack Developer Intern   Dec 2024 – Jan 2025
Infonel Technologies, Tamil Nadu

- Developed and optimized responsive web applications using HTML, CSS, JavaScript, and React.js.

- Assisted in database management by writing and optimizing SQL queries for efficient data retrieval.

- Collaborated with the development team to troubleshoot issues and enhance application performance.

CERTIFICATIONS

Full Stack Web Development Certification – Udemy
JavaScript Algorithm and Data Structures – freeCodeCamp
React.js Certification – Scrimba
Learning Python for Data Science – Infosys
Data Structures in C++ – Scaler

SOFT SKILLS

Problem-Solving, Team Collaboration, Time Management, Adaptability, Strong Communication

PERSONAL DETAILS

Languages Known: English, Tamil
Hobbies: Learning New Technologies, Competitive Programming