VIJAY SARATHI G

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vijaywithccet@gmail.com

Portfolio: vijay112003.github.io/Vijayport

Career Objective

Results-driven software engineer skilled in **full-stack** development, agile methodologies, and writing clean, scalable code. Proven ability to solve complex problems and **deliver impactful solutions** in fast-paced environments.

Skills

✔ **TECHNICAL SKILLS:**

- **Programming Languages:** Java, Python, C, C++
- **Web Development:** HTML, CSS, JavaScript, PHP, MySQL, RESTful Services
- **Frameworks/Tools:** Servlet, JDBC, SQLite3 (Python), JavaFX
- **Development Tools:** VS Code, Git, GitHub, ChatGPT, Gemini
- **Cloud Computing:** Familiar with basics of cloud platforms
- **Data Structures & Algorithms:** Arrays, Linked Lists, Stacks, Queues, Trees, Graphs, Sorting & Searching Algorithms
- **Database Optimization:** Indexing, Normalization, Query Optimization
- **AI Tools:** Implementation of KNN algorithm for job recommendations
- **Testing:** Unit Testing, Test Automation

✔ **SOFT SKILLS:**

- **Communication:** Clear and concise verbal communication, active listening
- **Collaboration:** Empathy, emotional intelligence, persuasive storytelling
- **Problem-Solving:** Analytical thinking and proactive debugging

Awards & Achievements

- **Dr. Kalam Young Achiever Award** – World Youth Federation for Project INVO (2023)
- **Finalist** – Startup Café @ Startify 2.0 for startup idea INVO (2024)
- **Title Winner** – Mr. CSE Contest (2024)
- **National Engineer's Day Winner** – Chettinad College of Engineering (2022)

Key Projects

- **Recreation of Movie Recommendation System** – Implemented advanced algorithms for user-based filtering
- **Digital Calculator** – Built with JavaFX for GUI and Java for backend logic
- **Online Job Portal** – Developed using PHP, MySQL with KNN algorithm-based filtering and integrated RESTful APIs
- **Vehicle Parking System** – Automated token management system using Python and Tkinter (GUI)
- **Online MCQ Test Portal** – Designed with PHP and MySQL, ensuring responsive design Web-based
- **Absentees and Latecomers Alert System** – Leveraged full-stack development practices

Certifications & Workshops

- **Design Thinking Workshop** – RUSA 2.0 Startup Café, Anna University (2024)
- **Business Model Canvas & Pitching Workshop** – RUSA 2.0 Startup Café (2024)
- **AMD AI Challenge Workshop** – Shooting Stars Foundation (2024)
- **Zoho Creator Training** – Young Creators Program, Chettinad College (2024)

Academic Qualification

- **B.E. in Computer Science Engineering** Chettinad College of Engineering and Technology (Anna University) – **8.2 CGPA** (Expected: May 2025)
- **HSC** St. Antony's Hr. Sec. School – Tamil Nadu State Board – **89.9%** (2021)
- **SSLC** St. Antony's Hr. Sec. School – Tamil Nadu State Board – **83.6%** (2019)

Extracurricular Activities

- Active participant in **NSS** (National Service Scheme) camps
- Participated in **Cybersecurity and Blue Eyes** Technology paper presentations
- Workshops attended on **Machine Learning, Data Breach Security, and AI Technologies**
- Engaged in **media reviews, speech competitions, and essay writing competitions**

Profile Links

LinkedIn	: vijay-sarathi-g
GitHub	: Vijay112003
Hacker Rank	: vijaywithccet
LeetCode	: vijaywithccet
Code Chef	: vijay_sarathi

DECLARATION

I do hereby declare that the above particulars of information and facts stated are true, correct, and complete to the best of my knowledge and belief.

Date:

Place:

Yours sincerely,

Vijay Sarathi G