

Vijis Durai R

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Professional Summary

Aspiring Software Engineer skilled in Java, Python, Flask, and React.js with a solid grasp of data structures, OOP, and API development. Built scalable apps like a searchable 1.4M-entry API and an AI-powered plant classifier. Quick learner, team player, and passionate about turning real-world problems into smart software solutions.

Education

Saveetha Engineering College, B.Tech Information Technology

- GPA: 8.37/10

Skills

- **Programming Languages:** Java, Python, C
- **Web Development:** HTML5, JavaScript, Tailwind CSS, Flask, Streamlit, Gradio, API Integration , RestFul Api's
- **Databases:** MySQL, MongoDB, postgresql
- **AI/ML/LLM:** Generative AI, Machine Learning (Basic), Deep Learning (basic), TensorFlow, PyTorch, LangChain, RAG, LangChain Agents, NLP, Prompt Engineering
- **Cloud/Tools:** GCP, Git, GitHub, VS Code, PyCharm, Postman, Jupyter Notebooks
- **Soft Skills:** Communication, Critical Thinking, Problem Solving, Time Management, Team Collaboration, Fast Learner

Experience

Web Developer Intern - Arjun Vision Tech Solutions, Chennai

- Completed hands-on training in HTML, CSS, and JavaScript, gaining practical web development skills.
- Developed "EdoScheduler", a task scheduler with to-do lists, notes, calendar tracking, and habit tracking using HTML, CSS, JavaScript, and localStorage, collaborating within a team.

Overall Student Coordinator - Drestein 2024, Saveetha Engineering College

- Managed event planning, team coordination, and smooth execution of the national-level symposium as Overall Coordinator for Paper Presentation.

Projects

OptiHire - AI-Powered Resume Analyzer and Job Matcher

- Built a job-matching platform that parses resumes and recommends roles based on skills and preferences. Designed responsive UI, implemented filtering logic, and managed user data.
- **Tools Used:** Python, Flask, React, Tailwind CSS, LLM, LangChain

BioBotanica – Medicinal Plant Classifier with Gen AI

- Developed a ResNet model to classify plant images and integrated LangChain with an LLM to fetch medicinal info based on predictions.
- **Tools Used:** Streamlit, Python, NLP, GPT-3.5, PyTorch, TorchVision

Certifications and Awards

- Introduction to MongoDB for Students (2024)
- Microsoft Azure AI Associate (2024)
- IBM Fullstack Developer (In Progress)
- **Ranked Top 3 in Cryptrix 2024 – Code Hunt**, leveraging **Python**, **OOP**, and **Debugging** to solve real-time coding challenges under pressure.
- **Ranked Top 695 out of 74,000+ Teams in Amazon ML Challenge 2024**