Vijayalakshmi M

Junior Full Stack Developer | Python & Web Development

0611vijayalakshmi@gmail.com | Tirunelveli, Tamil Nadu, India | Open to Hybrid | LinkedIn | GitHub

SUMMARY

Enthusiastic and detail-oriented aspiring **Full Stack Developer** with foundational knowledge in **Python, Java, C++, HTML, CSS, R, and MySQL**. Passionate about web development, problem-solving, and learning new technologies. Seeking opportunities to build and enhance **dynamic web applications** while gaining experience in backend and frontend development. Strong analytical skills and ability to work in a team-driven environment.

SKILLS

Programming Languages:	**:**	Python, Java, C++, R
Web Technologies:	**:**	HTML, CSS, Basic JavaScript
Database Management:	**:**	MySQL (basic queries, database design)
Version Control:	**:**	Git & GitHub (basic usage)
Problem-Solving:	**:**	Logical thinking, debugging, and troubleshooting
Data Handling & Analytics:	**:**	Data Processing (Basic Analysis using Python & R), Data Visualization (Matplotlib - Basics)
Interests	**:**	Web Development (Front-end & Back-end), Cybersecurity & Ethical Hacking, Playing Chess or Strategy Games (Improves Problem-Solving Skills), Learning New Programming Languages & Frameworks, Attending Tech Meetups
Languages	**:**	Tamil (Beginner), Hindi(Proficient), English(Proficient)

EXPERIENCE

Full Stack Developer Intern, Unified Mentor, (remote)   **Mar 2025 - Apr 2025**

- Designed and developed two full-stack web applications: a **personal portfolio website** and a **student-teacher appointment booking system**.
  Built responsive front-end interfaces using **HTML, CSS and JavaScript** for enhanced user experience.
  Deployed projects on platforms like **GitHub Pages**, ensuring accessibility and performance optimization.

EDUCATION

Manonmaniam Sundaranar University, Tirunelveli, India - *B.Sc. Artificial Intelligence and Machine Learning,*   **Jul 2023 - Present**

Learning the fundamentals of **AI, Machine Learning, Data Science, and Programming**.

CERTIFICATIONS

2nd International Conference on Recent Trends in Data Science (ICRTDS@24), St. Xavier's College (Autonomous), Palayamkottai	**Oct 2024**
Two Day State-Level Workshop On Roadmap To Web Development- SAC_Script'24, Sadakathullah Appa College(Autonomous), Tirunelveli	**Feb 2024**
TCS iON Career Edge - Young Professional, TCS iON	**Nov 2024**
Tata Group - Data Visualisation: Empowering Business with Effective Insights Job Simulation, Forage	**Apr 2025**
Tata Group - Cybersecurity Analyst Job Simulation, Forage	**Apr 2025**
Introduction to Data Analysis using Microsoft Excel, Coursera Project Network	**Mar 2025**
Introduction To Machine Learning, SkillElected Campus Program	**Apr 2025**

PROJECTS

Deep Learning with PyTorch : Generative Adversarial Network, Coursera Project Network, Link

personal-portfolio, Link

Student-Teacher-Booking-Appointment, Link

VOLUNTEERING

Event Assistant – G20 Event

Assisted Assistant Professor | [Manonmaniam Sundaranar University,Tirunelevli] | [November, 2023]

- Supported the organization and coordination of the **G20 event**, ensuring smooth execution.
- Helped with **technical setup, communication, and documentation** during the event.
- Collaborated with faculty and students to ensure a professional and engaging experience.

STEM Workshops – Conduct sessions on AI, ML for students.

Event Volunteering – Help in college fests, workshops, or community events.

PUBLICATIONS

2nd International Conference on Recent Trends in Data Science (ICRTDS@24), St. Xavier's College (Autonomous), Palayamkottai   **Oct 2024**
Generative Artificial Intelligence: A Comprehensive Review Of Concepts, Applications And Future Directions.
(ISBN :978-93-341-3499-5)