

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.

Web Software Developer, S3 Remotica Technologies, Alangulam, India **May 2025 — Jun 2025**
-Worked in various tasks and projects related to Static Web Development.
• Built responsive static website using React JS, Bootstrap, CSS, HTML, JavaScript.

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**

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](#)
• Implemented and trained **Generative Adversarial Networks (GANs)** using PyTorch for realistic image generation.

Personal-Portfolio, [Link](#)
• Designed and developed a **responsive personal portfolio website** using only **HTML5 and CSS3**, showcasing projects, skills, and contact information.

Groceries-Website, [Link](#)
• Designed and developed a **responsive and static groceries website** using **React, Bootstrap**, and **CSS animations** to showcase projects and skills.

VOLUNTEERING

Event Assistant – G20 Event
Assisted Assistant Professor | [Manonmaniam Sundaranar University, Tirunelveli] | [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 Generative Artificial Intelligence: A Comprehensive Review Of Concepts, Applications And Future Directions. (ISBN :978-93-341-3499-5)	Oct 2024
ARTIFICIAL INTELLIGENCE IN IMAGE PROCESSING USING DEEP LEARNING , New Horizon College, Kasturinagar (P-ISBN: 978-93-92229-38-1 E-ISBN: 978-93-92229-86-2)	May 2025