

# Vijayalakshmi M

Junior Full Stack Developer | Python & Web Development

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## 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**

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<b>2nd International Conference on Recent Trends in Data Science (ICRTDS@24), St. Xavier's College (Autonomous), Palayamkottai</b> Generative Artificial Intelligence: A Comprehensive Review Of Concepts, Applications And Future Directions. (ISBN :978-93-341-3499-5)	<b>Oct 2024</b>
<b>ARTIFICIAL INTELLIGENCE IN IMAGE PROCESSING USING DEEP LEARNING , New Horizon College, Kasturinagar</b> (P-ISBN: 978-93-92229-38-1   E-ISBN: 978-93-92229-86-2)	<b>May 2025</b>