# Vijayalakshmi M

Junior Full Stack Developer | Python & Web Development

+91 6382333494 | 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

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|---|---|---|
| **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

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|---|---|
| **RBI@90 Nationwide Online Quiz 2024, Reserve Bank Of India** | **Sep 2024** |
| **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)