GIRI MANIGANDAN M

Madurai, Tamil Nadu, India | +91 6379807489 | girimanigandanofficial@gmail.com
[LinkedIn](#) | [GitHub](#)

PROFESSIONAL SUMMARY

CSE student experienced in Python Full Stack Development, MongoDB, and UI/UX design. Active in AI projects, hackathons, and ideathons like crop disease detection and so on. Strong team collaborator with a product-oriented mindset building scalable solutions.

EDUCATION

B.E. Computer Science and Engineering – PSNA College of Engineering and Technology, Dindigul (2024–2028) | CGPA: 8.49

12th Grade – St Michael Matriculation Higher Secondary School, Madurai | Score: 92.8% | May 2024

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, C, C++
Web Technologies: HTML5, CSS3, BootStrap5
Databases: MongoDB, MySQL
UI/UX Tools: Figma, Wireframing, Prototyping
AI & ML: Artificial Intelligence Basics, Machine Learning Basics

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INTERNSHIP

Full Stack Development Intern – Infinite Computer Education
Organization: TVK – Madurai North (Official Website) | https://tvkmadurainorth.in/

PROJECT EXPERIENCE

Full Stack Development Projects

- **Nova – Chatbot Assistant |** HTML, CSS, JavaScript, Node.js, Express.js, MongoDB – Built a full stack chatbot with real-time conversation and backend integration.

- 15+ Full Stack Projects – Developed multiple applications; select projects available on GitHub.

AI / Machine Learning Projects

- Plant Disease Finder | Python, TensorFlow, Image Processing – AI system for early detection of crop diseases to support agriculture.

UI / UX Design Projects

- UI/UX Designs (Figma) | Figma, Wireframing, Prototyping – Created interactive web interfaces focusing on usability and modern design standards.

HACKATHONS & WORKSHOPS

- **SMART INDIA HACKATHON – PSNACET: Disaster Response Drone,** conceptualized a drone to improve emergency response and situational awareness.

- **CDAC IOT & IOE BOOTCAMP – Build Club, PSNACET:** Gained hands-on experience in handling microcontrollers and sensors.

- **HACK THE FUTURE WORKSHOP – WICYS Club, PSNACET:** Learned to design and implement AI agents for personal and practical applications, focusing on intelligent behavior and problem-solving.

- **IDEATHON – TAMIZHAN SKILLS:** Proposed innovative solutions in the fields of Healthcare & Wellbeing and Sustainable Technology, focusing on practical impact and scalability.

ACTIVITIES & ACHIEVEMENTS

- Won awards in multiple competitions and hackathons.

- Solved **150+ problems on LeetCode**, strengthening algorithmic and problem-solving skills.

- Active member of **WICYS Club**, contributing to technical workshops and team projects.

CERTIFICATIONS

- **AWS Generative AI Certificate** – Amazon Web Services (AWS)

- **MongoDB Certification** – MongoDB (Database & NoSQL Fundamentals)

- **Full Stack Development with AWS Certification**