



MADHAN E

Software Developer | Artificial Intelligence and Data Science

(2027) Chennai, Tamil Nadu

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Portfolio : <https://madhan-04.github.io/Portfolio/>

PROFESSIONAL SUMMARY

AI & Data Science undergraduate with a strong foundation in Python, Java and modern web technologies, passionate about building intelligent and scalable solutions. Experienced in developing AI systems, automation workflows, dashboards, and full-stack applications through academic projects and internships. Eager to apply my knowledge in AI, data science, and software development to create impactful, real-world technological solutions.

PROJECTS

- **V.I.O.L.E.T – AI Personal Assistant:** Developed a Python-based AI assistant with wake-word detection and NLP-based voice interaction.
Designed modular architecture enabling scalable intent recognition and intelligent response generation.
- **Executive Command Center – AI Dashboard:** Built a real-time monitoring dashboard using React and Python for analytics and insights.
Integrated secure APIs and optimized performance for scalable data visualization.
- **Personal Portfolio Website** - Designed and deployed a responsive portfolio showcasing projects and technical expertise.
Implemented modern UI principles ensuring cross-device compatibility and optimized performance.

INTERNSHIPS

- **Web Developer/RPA Intern** – RaySoft Infotech (Jun 2025 – Jul 2025): Customized responsive WordPress websites with PHP and MySQL integration.
Optimized website performance and resolved production-level issues following best practices.
- **Web Development Intern** – Corizo : Developed responsive web applications using HTML, CSS, and JavaScript.
Built interactive UI components with frontend validation to enhance user experience.

EDUCATION

- B.Tech – Artificial Intelligence and Data Science (2023–2027) | Panimalar Engineering
- Higher Secondary Certificate (HSC) | N.S.M.H.S.S, Chennai
- Secondary School Leaving Certificate (SSLC) | N.S.M.H.S.S, Chennai

TECHNICAL SKILLS

Programming: Python, Java, C, C++, HTML, CSS | Libraries: Pandas, NumPy | Web: WordPress, PHP, MySQL | Domains: Machine Learning, Deep Learning, Data Visualization

LANGUAGES KNOWN

English (Professional Proficiency) | Tamil (Native)

CERTIFICATIONS

- Python for DataScience - NPTEL & IIT Madras
- Machine Learning - NPTEL & IIT Madras
- Machine Learning – Infosys Springboard
- Artificial Intelligence - Infosys Springboard
- Data Science for Beginners – FutureSkills Prime (Gold Certification), aligned with NASSCOM standards