Pavan Thadari

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Education

Florida Atlantic University, M.S. in Computer Science – Boca Raton, FL   Jan 2024 – Dec 2025
- CGPA: 3.77 / 4.00

Experience

Microsoft Dynamics 365 Consultant, Quadrant Technologies – Hyderabad, India   Mar 2022 – Nov 2022
- Designed and implemented two core automation solutions using .NET plugins, enhancing CRM performance.
- Delivered 5 client-facing CRM projects from development through deployment, including UAT and QA.
- Built custom workflows and business rules in C# and JavaScript, increasing lead qualification by 40%.
- Contributed to two live Sales module projects, collaborating with cross-functional teams to ensure functional compliance and successful client delivery.

Projects

AutoSDLC Architect Pro – AI-Powered SDLC Automation, Florida Atlantic   Mar 2025 – Apr 2025
University
- Architected a Multi-Agent System with 5 agents (RequirementAgent, ArchitectAgent, CoderAgent, TesterAgent, ReportAgent) to automate over 90% of the SDLC.
- Engineered modular prompt pipelines with contextual augmentation, achieving over 95% consistency across 30+ test runs.
- Created offline-capable generation of 5 UML diagrams, 20+ code modules, 15+ test cases, and complete SDLC documentation.

Project Link: github.com/pavanthadari/TEAMZFINALPROJECT

Housing Typologies Information Access System, Matrusri Engineering College –   Aug 2021 – Jan 2022
Hyderabad, India
- Designed a mobile-friendly platform providing real-time access to over 50 region-specific housing typologies for construction planning.
- Generated adaptive design recommendations for flatlands, elevated terrains, and hazard-prone areas to support safe, resilient housing development.
- Proposed a decentralized access model for usability in low-connectivity regions across 10+ districts.

Key Skills

- **Programming Languages:** C++, Java, Python
- **Cloud Computing:** AWS Cloud Practitioner Certified, EC2, S3, Lambda, IAM
- **Networking & Systems:** CCNA (Routing & Switching), Operating Systems, Basic Hardware Troubleshooting
- **Generative AI & Prompt Engineering:** Experience with Ollama, LLaMA3, Mistral; Modular prompt design for SDLC automation
- **AI Tools & Frameworks:** Flask (for AI Web Apps), Jupyter Notebooks

Licenses & Certifications

AWS Certified Cloud Practitioner – Credly Link
CCNA: Introduction to Networks – Credly Link
CCNA: Switching, Routing, and Wireless Essentials – Credly Link
Operating Systems Basics – Credly Link
Technical Support Fundamentals – Coursera Certificate