VELAGA TIRUMALA CHOUDARY

Software Engineer

📞 +91 7207288238   ✉ velagatirumala13@gmail.com

OBJECTIVE

Seeking a challenging Software Engineer role at Cognizant, utilizing strong foundations in Python, full-stack development, and applied AI to contribute to high-quality solution delivery in an Agile environment.

WORK EXPERIENCE

Software Enginner

TekTap Consulting pvt ltd,September 2025 – Present

- Managed the full Software Development Life Cycle (SDLC), from low-level design and development to rigorous testing, debugging, and deployment.
- Developed and maintained core application components, ensuring solutions are reliable, cost-effective, and meet specific business requirements.
- Actively engaged in team collaboration, raising clarifications on business requirements, and contributing to technical documentation.
- Identified, prioritized, and took ownership of tasks to ensure timely project delivery and mitigate failure points.

TECHNICAL SKILLS

- **Programming:** Python 3, SQL, HTML, CSS, JavaScript (Basic)
- **Tools & Cloud:** Git, VS Code, PyCharm, Postman, AWS (ELB, ASG, S3)
- **Aptitude & Methodology:** Logical Reasoning, Quantitative Ability, Problem Solving, Agile SDLC
- **Professional:** Team Collaboration, Technical Documentation, Client Interaction, Task Prioritization

EDUCATION

- **B.Tech in Computer Science (AIML):** St. Mary's Women's Engineering College, Guntur (Expected: July 2025) - GPA: 8.0
- **Class XII:** Board of Intermediate Education, AP (2021) - 86%
- **Class X:** SSC, Andhra Pradesh (2019) - 86%

PROJECTS

Smart Irrigation System (IoT/ML)
- Built an IoT-based irrigation platform using Python, Raspberry Pi, and Arduino.
- Applied Machine Learning algorithms (Reinforcement Learning and Hidden Markov Models) to optimize system performance and water efficiency.

E-Commerce Web App
- Created a full-featured e-commerce website with integrated secure login and user/admin panels.
- Conducted rigorous usability and performance testing for quality assurance.

CERTIFICATIONS & TRAINING

- Python Full Stack Development – Pentagon Space, Bangalore
- (February 2025 – August 2025)
- AWS Training – Brainovision
- Generative AI & ChatGPT – Blackbucks
- Data Science Internship – Data Valley (2024)

KEY PROJECTS & ACHIEVEMENTS

- Organized and participated in multiple NSS camps and community development activities.
- Served as a member of the NSS.