

BANDARU SRI ABHIRAM NAIDU

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Education

Aditya College of Engineering and Technology
Bachelor of Technology in Computer Science and Engineering

2021 - 2025
Surampalem, Andhra Pradesh

CGPA: 7.8

Work Experience

Hallmark Global Technologies
Trainee Software Engineer

Sept 2025 – Present
Kakinada, India

- Developed scalable backend features using Python, AutoGen, FastAgents, and contributed to high-performance multi-agent workflows.
- Built and integrated RESTful APIs, enhancing data flow and backend–frontend communication for internal applications.
- Debugged issues, resolved performance bottlenecks, supported deployments, and contributed to production stability.
- Wrote unit tests and API test cases to improve code reliability and maintainability.
- Collaborated with senior engineers in sprint activities, applying best practices in version control, CI/CD, and system design.

Key Project Contributions

- Implemented MCP and HTTP tools for Autogen's multi-agent framework, enabling secure communication between agents and internal services.
- Enhanced authentication and token-handling workflows, reducing failures and improving system robustness.
- Diagnosed and resolved tool invocation issues, improving automation reliability for high-impact internal projects.
- Worked with senior engineers to refine API behaviors, improve architecture, and deliver production-ready implementations.

Skills and Certifications

Skills

- **Artificial Intelligence:** FastAgents, FastMCP, AutoGen
- **Languages:** Python, JavaScript, C, PHP
- **Web Development:** HTML, CSS, React.js, Django, FastAPI
- **Libraries:** NumPy, Pandas, Bootstrap
- **UI/UX:** Figma, WordPress
- **Cloud/DB:** AWS, MySQL, MongoDB
- **Tools:** Git, Postman, VS Code, XAMPP, Netlify

Certifications

- Azure AI Fundamentals – Microsoft
- Programming Essentials in Python – Cisco
- Cloud Foundations Associate – Oracle
- Cisco Networking Essentials – Cisco
- Machine Learning with Python – EdX