



# MANIKANTA BALINENI

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Website : [Home](#)

## PROFESSIONAL SUMMARY

Enthusiastic and skilled Full Stack Developer with 2.8 years of intern experience, focusing on front-end and back-end technologies, Python with machine learning and AI, and modern programming languages. Seeking a challenging role to leverage my expertise in full stack development, AI/ML, and innovative programming practices. Versatile software development professional successful producing robust systems to meet diverse customer needs.

## TECHNICAL SKILLS

- **Front-End :** Angular, HTML, CSS, JavaScript, React.js, Node.js, React.js
- **Back-End :** Python, Node.js, Express.js, RESTful APIs, SQL, NoSQL, PostgreSQL, Neo4J
- **Web Development:** RESTful API Development, Web Scraping (Beautiful Soup, Scrapy)
- **Machine Learning/AI :** Python, TensorFlow, Keras, Scikit-learn, NLP, Computer Vision
- **Frameworks :** Django, Flask, Supervised & Unsupervised Learning, Deep Learning, Natural language processing (NLP)
- **Programming Languages :** C/C++, C#, Java, Python, Ruby, PHP, Go, Rust, Swift, Scala
- **Tools & Technologies :** Git, Docker, Agile, Jira, Postman
- **Databases :** SQL Databases (PostgreSQL, MySQL), NoSQL Databases (MongoDB, Redis), ORM Tools (SQL Alchemy, Django ORM)
- **Soft Skills :** Problem Solving, Analytical Thinking, Team Collaboration, Communication
- **Python Frameworks & Libraries :** Django, Flask, Fast API, Pandas, NumPy, Scikit-learn, TensorFlow / PyTorch
- **Version Control :** Git/GitHub/GitLab
- **Development Practices :** Agile Methodologies (Scrum, Kanban), Test-Driven Development (TDD), Unit Testing (pytest, unit test)
- **Deployment & DevOps :** Cloud Platforms (AWS, Azure, Google Cloud), Containerization (Docker), Continuous Integration/Continuous Deployment (CI/CD), Automated Deployment Tools (Ansible, Jenkins)
- **Data Analysis & Visualization :** Data Manipulation (Pandas), Data Visualization (Matplotlib, Seaborn), Jupyter Notebooks
- **Security :** Basic Cybersecurity Best Practices, Data Encryption and Protection, Vulnerability Assessment
- **Additional Skills :** Web Frameworks (Flask, Django), API Design and Integration, RESTful Services, Data Processing and ETL

## EDUCATION

**Master of Science (M.S.) – Computer Science**

**May 2024**

**University of Central Missouri, Warrensburg, MO**

- Graduated with **[3.0/4.0]** GPA

**Bachelor of Technology - Computer Science & Engineering**

**May 2022**

**KL University, Hyderabad**

- Associate Member of **Cyber Security Club & Data Science**

- Graduated with **8.0/10.0** GPA

## **PROFESSIONAL EXPERIENCE**

### **Associate Software Developer – Intern**

**Jan 2021 – Sep 2022**

#### **Value Momentum | Hyderabad, Telangana, India**

Contributed to back-end development using Python and Django, focusing on scalable application architecture.

Designed and implemented database models in PostgreSQL to support application needs.

**In addition to my focus on AI and machine learning, I am proficient in a variety of modern programming languages, frameworks and some machine learning / AI Techniques.**

Assisted in the deployment of applications on AWS, setting up EC2 instances and configuring S3 buckets.

Gained experience with version control using Git and collaborated with team members on GitHub.

Participated in Agile ceremonies and contributed to sprint planning and daily stand-ups.

### **Cyber Security Intern**

**Aug 2021 – Dec 2021**

#### **Virtual Testing Foundation | Hyderabad, Telangana, India**

Conducted vulnerability assessments on various systems and networks.

Developed incident response plans for cyber events.

Researched emerging threats, vulnerabilities, and exploits relevant to organization's network environment.

Researched emerging threats, vulnerabilities, and exploits relevant to organization's network environment.

Collaborated with IT teams to implement security measures and best practices.

### **Full Stack Developer - Associate Intern**

**Jul 2020 – Mar 2021**

#### **L & T Technology Services Limited | Hyderabad, Telangana, India**

Developed and maintained responsive web applications using Angular for front-end development.

Implemented RESTful APIs in Python and Node.js to support front-end functionalities.

Integrated MongoDB and MySQL databases for data storage and retrieval, optimizing queries for performance.

Worked closely with front-end developers to ensure seamless integration between the back-end and user interfaces.

Worked on back-end logic and services using Node.js, creating RESTful APIs.

Gained experience with version control using Git and collaborated with team members on GitHub.

Participated in Agile ceremonies and contributed to sprint planning and daily stand-ups.