





SRIKANTH LOMTE

Software Developer

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Objective

Software Development Engineer with proven skills in Python, Java, and C#, and hands-on web application development. Experience includes full-stack development using Flask, JavaScript, and MySQL, enhancing user experience and backend performance in dynamic, agile settings. Adept at applying object-oriented design principles and troubleshooting to deliver robust, scalable solutions.

INTERNSHIP EXPERIENCE

Fullstack Web Development Intern , <i>Unified Mentor Pvt. Ltd.</i>	05/2025 – 06/2025
<ul style="list-style-type: none">Developed and maintained full-stack web applications using Python, Flask, and JavaScript, integrating RESTful APIs to support internal functionalities for over 100 daily user interactions.Collaborated in an Agile environment to design responsive front-end interfaces with React and CSS, ensuring full cross-browser compatibility and adherence to technical specifications.Optimized backend performance with MySQL and Python, reducing query response times by 20% and enhancing the overall efficiency of the code base.Prototyped algorithmic solutions in Java for backend validation, improving system scalability and reinforcing modular design practices.	

Project Experience

HomeHunt	04/2025 – present
<p>Tech Stack: React.js(Framework),HTML, Tailwind CSS, JavaScript,Node.JS, MongoDB</p> <ul style="list-style-type: none">Map-based Property Search: Users explore properties via Map, while agents efficiently list and manage properties.Detailed Room Descriptions: Enabling agents to list and manage properties for rent.Agent Dashboard: Allows agents to manage their property listings with ease, including editing and removing entries.	
AI Agent for Automated Trading , <i>Trading Automation System</i>	01/2023 – 05/2025
<ul style="list-style-type: none">Developed an AI-driven trading agent for Probo and Polymarket platforms, automating buy/sell decisions using Python and machine learning models.Integrated RESTful APIs with Pandas for real-time market data processing, achieving 95% accuracy in trade predictions.Built a Flask-based dashboard to monitor trading performance, reducing manual analysis time by 0%.Optimized data structures for efficient storage of 10,000+ trade records, improving query speed by 30%.	
Sort Analysis , <i>Algorithm Performance Benchmarking</i>	02/2023 – 03/2025
<ul style="list-style-type: none">Implemented and benchmarked sorting algorithms (Bubble Sort, Quick Sort, Merge Sort) in Python, analyzing time and space complexity for datasets up to 100,000 elements.Optimized Quick Sort implementation using NumPy, reducing average runtime by 20% compared to standard Python lists.Visualized performance metrics with Matplotlib, generating comparative graphs for 10+ test cases to illustrate algorithmic efficiency.Developed a modular testing framework with Pandas to automate data generation and analysis, processing 50+ datasets efficiently.	

Technical Proficiency

Programming Languages Python, Java,C++	Web Technologies HTML, CSS, JavaScript, Flask,Django, REST API Development, FastAPI,React js
Database Management MySQL, SQL	Tools & IDEs Visual Studio, Azure DevOps
Cloud Services Azure,AWS	Core Concepts Data Structures & Algorithms, Classes, Objects, Inheritance, Exception Handling, Lists, Dictionaries, Trees, Graphs, Sorting & Searching Algorithms
Others .NET	

Education Qualification

Bachelor of Technology, Computer Science Engineering , <i>Narasimha Reddy Engineering College</i>	2022 – 2026
<ul style="list-style-type: none">GPA: 7.77(Till 3-1)	
Intermediate, Maths, Physics, and Chemistry , <i>Srisai junior College</i>	2020 – 2022
<ul style="list-style-type: none">GPA: 71.1%	
Secondary Education , <i>Sri Saraswathi Shishu Mandhir School</i>	2019 – 2020
<ul style="list-style-type: none">GPA: 10.0	

CERTIFICATIONS

AI Data Scientist Certification
Andhra Pradesh Productivity Council (APPC)
& Telangana Building and Other
Construction Workers Welfare Board
(TBOCWWB). Successfully completed a six-
month Skill Upgradation training program in
AI Data Science. Issued: October-23-202

**PCAT Assessment Badge (Programming
Competency)**
KraftPixel Digital Solutions Pvt. Ltd., May
2025