

Jaisimha Kothari

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EDUCATION

Vasavi College of Engineering

Bachelor of Engineering in Computer Science, 9.01 GPA

Hyderabad, Telangana

Aug. 2022 – May 2026

EXPERIENCE

Software Development Engineer Intern

Aug 2025 – Oct 2025

Infosys Springboard

- Designed, developed, tested, and deployed Customer Review Insight AI platform following Agile and Scrum practices
- Wrote clean and efficient code for NLP-based sentiment analysis system using Python, Flask, and Hugging Face Transformers
- Actively participated in code reviews and team discussions, contributing to 20+ pull requests
- Debugged and troubleshooted software issues in text preprocessing pipeline, improving system reliability by 25%
- Delivered interactive dashboards using Streamlit and Plotly, reducing manual review analysis time by 60%

Amazon ML School of Summer | Participant

Summer 2025

Amazon

- Selected for Amazon's competitive ML School of Summer program among thousands of applicants
- Completed intensive training on machine learning fundamentals, deep learning, and real-world AI applications

PROJECTS

Secure E-commerce Web Application | Spring Boot, React, JWT, MySQL, Apache Tomcat

Nov 2024 – Jan 2025

- Developed a comprehensive e-commerce platform with secure user authentication using JWT and SHA-256
- Implemented REST APIs and reduced API response time by 25% through efficient code optimization
- Deployed application on Apache Tomcat with MySQL database integration
- Created and maintained technical documentation for seamless team collaboration

Autonomous Research Analyst Agent | Python, LangChain, Hugging Face, Docker

June 2025 – Aug 2025

- Engineered multi-agent AI research system using LangChain and Hugging Face frameworks
- Integrated Docker-deployed Retrieval-Augmented Generation (RAG) pipeline for autonomous search and summarization
- Reduced manual research time by 70% through intelligent automation and Q&A capabilities

Azure Data Engineering Pipeline | Azure Data Factory, Databricks, PySpark, Synapse Analytics

Feb 2025 – May 2025

- Designed and implemented medallion-architecture Azure data pipeline with automated ETL processes
- Leveraged PySpark and Spark Streaming in Databricks for real-time data processing
- Developed Synapse Analytics data warehouse delivering high-availability business insights

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: Spring Boot, Flask, React, LangChain, Streamlit, Hugging Face Transformers

Developer Tools: Git, Docker, JWT, Postman, Apache Tomcat, Azure Data Factory, Databricks, VS Code, IntelliJ

Libraries: NLTK, spaCy, PySpark, pandas, NumPy, Plotly

Achievements

Deep Learning for Developers - Infosys (Springboard)

Solved 500+ DSA problems across LeetCode and TUF+

Top 5% in NPTEL – Joy of Computing in Python, IIT Madras (2024)