

Teja Swaroop

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[LinkedIn](#) | [GitHub](#)

Summary

Detail-oriented and results-driven Software Engineer with strong skills in full-stack development, algorithms, and distributed systems. Experienced in designing scalable web applications, building machine learning models, and integrating APIs for high-performance solutions. Passionate about problem-solving, writing clean, maintainable code, and delivering customer-obsessed solutions in fast-paced environments.

Experience

Associate Software Engineer

Camelq Software Solutions, Hyderabad (Hybrid) Jan 2025 – Present

- Collaborated with cross-functional teams to design and build scalable APIs for distributed systems.
- Implemented low-latency, fault-tolerant backend services to enhance system resilience.
- Delivered customer-focused solutions following agile practices, reducing feature rollout time by 20%.

Data Science Intern & AI Developer

Internship Studio (Remote) Jun 2024 – Jan 2025

- Built production-grade machine learning models leveraging Python, TensorFlow, and PyTorch.
- Optimized data pipelines for large-scale datasets with efficient data structures and algorithms.
- Worked with distributed computing environments for scalable predictive dashboards.

Full Stack Developer

SchemaxTech, Visakhapatnam Jan 2024 – Jun 2024

- Developed scalable multi-tier web applications using React.js and Nest.js.
- Designed and integrated RESTful APIs, handling distributed data with high consistency.
- Improved user engagement by optimizing page load time and system responsiveness.

Intern Trainee

Face Prep (Remote) Mar 2023 – May 2023

- Delivered problem-solving and algorithmic coding training to over 50 students.
- Created reusable learning materials to simplify complex programming concepts.

Skills

Languages: Java, Python, C++, C, TypeScript, JavaScript

Computer Science Fundamentals: Object-Oriented Programming, Data Structures, Algorithms, Operating Systems, Compiler Design, Complexity Analysis.

Frameworks & Libraries: React.js, Angular, Nest.js, Node.js, Flask, TensorFlow, PyTorch

Distributed Systems & Cloud: REST APIs, scalable architecture, cloud computing

Tools: Git, Docker, OpenCV, NLTK

Projects

Machine Learning Techniques for Stock Price Forecasting

Python, scikit-learn, TensorFlow

- Conducted comparative studies of regression and classification models, improving forecast accuracy by 15%. Designed workflows to manage stock data volatility.

E-Commerce Platform

React.js, Node.js, MongoDB, Stripe API

- Built a responsive e-commerce platform with secure authentication and payment gateway integration. Implemented a product recommendation engine to enhance customer experience.

Cryptocurrency Analytics Dashboard

React.js, REST APIs

- Developed a real-time crypto dashboard displaying trends and investor sentiment. Delivered a clean, intuitive interface for actionable financial insights.

AI-Powered Resume Analyzer

Python, Flask, TensorFlow, NLP

- Created a web-based tool for matching resumes to job descriptions. Used NLP pipelines to provide suggestions for resume improvement.

Sentiment Analysis on Product Reviews

Python, NLTK, Pandas

- Designed and deployed a sentiment classifier for real-time feedback analytics. Improved product teams' understanding of customer opinions.

Image Caption Generator

Python, TensorFlow, OpenCV

- Built a deep learning model using CNNs + RNNs to generate natural captions for images. Deployed as a user-friendly web app for practical testing.
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Education

Bachelor of Technology, Computer Science and Engineering

Andhra University College of Engineering, Visakhapatnam 2019 – 2023 | CGPA: 7.8 / 10

Intermediate (BIEAP)

Fittjee Junior College, Visakhapatnam

2017 – 2019 | CGPA: 7.4 / 10

CBSE

Kendriya Vidyalaya Sangathan, Vizianagaram

2017 | CGPA: 8.4 / 10