Teja swaroop

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Work Experience

Camelq software solutions   JAN 2025 – Present
Associate Software Engineer   *Hyderabad Hybrid*
- API integration and database management, ensuring robust functionality and seamless user interactions.

Internship Studio   JUNE 2024 – JAN 2025
Data Science Intern and AI Developer   *Remote*
- Developed and optimized machine learning models and AI-driven solutions for real-world applications using Python, TensorFlow, and PyTorch.
- Conducted data analysis, preprocessing, and visualization to create actionable insights and build predictive dashboards.
- Integrated advanced AI techniques, including natural language processing and computer vision, ensuring seamless deployment and usability.

SchemaxTech   JAN 2024 – JUNE 2024
Full Stack Developer   *Visakhapatnam*
- Designed and developed dynamic web applications using React.js for intuitive front-ends and Nest.js for scalable backend services.
- API integration and database management, ensuring robust functionality and seamless user interactions.
- Improved system responsiveness by 20pct through optimized React and Nest.js integration.

Face Prep   Mar 2023 – May 2023
Intern Trainee   *Remote*
- Assisted in the development and delivery of training sessions, focusing on coding and problem-solving skills.
- Played a key role in creating engaging training materials and exercises for students.

Projects

Machine Learning Techniques For Stock Price Forecasting │ *Python, scikit-learn, TensorFlow, Pandas.*
- Conducted a comparative study using Python, scikit-learn, TensorFlow, and Pandas to explore various forecasting algorithms for stock prices.
- Analyzed linear regression, neural networks, and support vector machines to assess their adaptability to market volatility.
- Enhanced stock forecasting accuracy by 15pct using advanced ML techniques

E-Commerce Platform │ *React.js, Node.js, MongoDB, Stripe API.*
- Developed a fully responsive e-commerce platform with user authentication, product catalog, and payment gateway integration.
- Improved usability with a seamless checkout process and dynamic product recommendations.

Cryptocurrency Analytics Dashboard │ *HTML,CSS,JavaScript,Reactjs and API.*
- A real-time Bitcoin insights dashboard, featuring current price, historical trends, 24-hour metrics, market cap volume, sentiment analysis, and quick stats on circulating supply.
- Designed for clarity and efficiency, the dashboard serves as a crucial tool for crypto enthusiasts and investors.

AI-Powered Resume Analyzer │ *Python, NLP, TensorFlow,Flask.*
- Built an AI-powered resume analyzer that evaluates resumes and suggests improvements based on job descriptions.

- Utilized natural language processing to extract key information and match job criteria.

Sentiment Analysis on Product Reviews │ *Python, NLP,NLTK,Pandas.*
- Analyzed customer reviews using natural language processing to determine product sentiment.
- Trained and deployed a model to classify reviews into positive, neutral, or negative categories.

Image Caption Generator │ *Python, TensorFlow, OpenCV*
- Built an AI model that generates descriptive captions for images using deep learning.
- Implemented CNNs for feature extraction and RNNs for text generation.
- Deployed the model as a web application with an easy-to-use UI.

Education

Andhra University College of Engineering	2019-2023
Bachelor of Technology in Computer Science and Engineering (CGPA: 7.80 / 10.00)	*Visakhapatnam , AP*
Fittjee Junior College	2017-2019
BIEAP (CGPA: 7.40 / 10.00)	*Visakhapatnam , AP*
Kendriya Vidyalaya Sangathan	2017
CBSE (CGPA: 8.40 / 10.00)	*Vizianagaram , AP*

Skills

Programming Languages: C, C++, Python, TypeScript, Java, HTML, CSS, JavaScript
Frameworks and Technologies: React.js, Angular, TensorFlow, Bootstrap, Flask, ASP.NET, NumPy, MySQL, Pandas, Node.js
Concepts:Compiler Design, Operating Systems, Virtual Memory, Cache Memory, AI and ML, Neural Networks, API Integration, Cloud Computing.