

TEJAAS MUKUNDA REDDY

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<https://tejaasreddy001.github.io/profile/>

SKILLS

- Languages and Frameworks: Python | PyTorch | Keras | TensorFlow | Scikit-learn | Hugging Face | Neural Network Models | LLM | Generative AI
- DevOps & Cloud Technologies: Microsoft Azure | Amazon Web Services | VMware | CI/CD | Jenkins | Docker | Kubernetes | Terraform | GitHub
- Data Processing and Visualization: Pandas | Matplotlib | MySQL | MongoDB | NoSQL | Hadoop HDFS | Apache Kafka | Apache Spark | ZooKeeper
- Additional Skills: Java | Computer Vision | GPU | Full Stack | Android Development | Selenium | Agile | Jira | Communication Skills | Code Reviews

EXPERIENCE

California State University, Fullerton

Fullerton, CA

Graduate Teaching Associate

August 2023 - May 2024

- Led university courses on relational databases and open-source technologies, improving student performance by 20% and course ratings by 15%
- Mentored students to deploy full-stack web applications, integrating frontend (HTML/CSS) with MySQL databases via PHP on Ubuntu servers

Larsen And Toubro Infotech Limited

Bengaluru, India

Cloud Infrastructure Engineer

October 2020 - July 2022

- Deployed and managed cloud infrastructure solutions across Microsoft Azure, Amazon Web Services, and VMware vSphere platforms
- Deployed essential cloud services like EC2/VMs, S3/Storage Accounts, CloudTrail/Azure Monitor, IAM/Azure AD, and VPC/Virtual Networks
- Orchestrated a strategic multi-cloud migration, transferring 40+ servers across Azure and AWS platforms, resulting in a 35% reduction in costs
- Automated server deployment and server patching activity using automation tools like Terraform and Ansible, reducing setup time by 30%
- Collaborated with DevOps team to deploy applications on Azure using Azure DevOps dashboards, enhancing visibility into CI/CD pipelines

V2Soft Private Limited

Bengaluru, India

Software Development Intern

July 2019 - September 2020

- Developed an AI-powered web application using Angular and Flask, achieving 40% increased user engagement through enhanced responsiveness
- Collaborated effectively with the QA team to deliver a solution which resulted in a 30% reduction in manual effort for testing of over 20 websites
- Implemented automated code generation and execution using Selenium IDE, eliminating human errors and enhancing test accuracy by 80%
- Designed an interface using Hugging Face models for NLP, allowing testers to input commands through voice or text for accurate code generation
- Implemented MLOps practices with Jenkins, Docker, and GitHub, streamlining AI model deployment and improving team collaboration
- Researched state-of-the-art generative AI models for NLP tasks, including GPT and BERT variants, improving text generation quality by 30%

Tequed Labs

Bengaluru, India

Internet Of Things Technical Intern

July 2018 - August 2018

- Conceptualized & led more than 10 innovative IOT projects, notably Agri Cloud, recipient of the "Best Innovative Project Award – 2018"

EDUCATION

California State University, Fullerton

Fullerton, CA

Master of Science, Computer Science

August 2022 - May 2024

- GPA: 3.9/4. Relevant Coursework: Artificial Intelligence, Artificial Neural Networks, Advanced Algorithms, Mobile Development, Advance Database Management, Modern Software Management, Software Design, System and Software Standards

SJB Institute of Technology

Bengaluru, India

Bachelor of Engineering, Computer Science & Engineering

August 2016 - August 2020

- GPA: 3.57/4. Relevant Coursework: Machine Learning, C Programming, Data Structures, Advanced JAVA, Python, Object Oriented Concepts, Web Technology, Database Management, Computer Networks, Cloud Computing, Big Data Analytics, Computer Graphics

PROJECTS

TechTrend (<https://github.com/tejaasreddy001/Techtrend>)

January 2024 - May 2024

- Developed AI-powered job platform using MEAN stack, integrating ML for 40% more accurate resume-job matching with Hadoop processing

Automated Parking System (https://github.com/tejaasreddy001/Automated_Parking_System)

January 2023 - May 2023

- Pioneered a 92% accurate Real-time License Plate Detection system using YoloV8, Kafka, Zookeeper, and Hadoop HDFS for efficient processing

Music Application (https://github.com/tejaasreddy001/Music_Application)

January 2023 - May 2023

- Created a Kotlin-based Android Music Player app, improving user experience by 20% through collaborative UI testing and Firebase integration

Sentiment Analysis (https://github.com/tejaasreddy001/Sentiment_Analysis)

January 2023 - May 2023

- Designed 83% accurate RNN using Keras, GloVe, and spaCy to predict quality and difficulty scores from Rate My Professor student reviews.

CERTIFICATIONS

Google Certification for introduction to LLM's, Microsoft Azure Fundamentals (AZ-900), AWS Technical Professional, AWS Cloud Practitioner Essentials, LTI Azure DevOps Dashboard, LinkedIn Terraform, GitHub Career Essentials, NPTEL Data Mining