

DURGA SAI DEEPAK YELLETI

SOFTWARE ENGINEERING/AI-ML ENGINEER

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Career Objective

As an aspiring student seeking a challenging opportunity to utilize my proficiency in Python, AI/ML, and MySQL, I aim to support the organization's projects by actively engaging in coding, debugging, and team collaboration to drive progress. With a proactive mindset and a dedication to continuous learning, I am eager to contribute to the organization's success.

Education

- B.Tech - Computer Science and Information Technology, KL University. 2021- 2025
 - CGPA: 9.52 / 10.
 - Specialization: AI & ML.
- BIEAP - Sri Chaitanya Jr. College, Vijayawada. 2019-2021
 - Percentage: 85.
- BSEAP – St. John’s English Medium School, Vijayawada. 2018 - 2019
 - CGPA: 9.7.

Skills

- Languages:** C, Java (Basic), Python, Core Python, Html, CSS, MySQL, PL/SQL.
- Frameworks:** Django, React, Java Script, Flask, Pandas, NumPy, Matplotlib, TensorFlow.
- Tools:** PyCharm, Google Collab, Java EE Eclipse, Dev c+, SQL Workbench, Kaggle, Ms Office, Visual Studio Code, Git, GitHub.
- Soft Skills:** Communication, Leadership, Comprehensive, Time management, Problem Solving.

Projects

- Java Full Stack - Pet Park - Team Lead** 07/2023 – 12/2023
 - As a Team Lead in Java Full Stack Development for Pet Accessories, I've managed various tasks to improve user experience, streamline operations, and encourage innovation in the field.
- Python Full Stack – My Home- Backend Developer** 12/2022 – 05/2023
 - This project developed for various aspects of property management, including house listings using Python and Django.
 - My role focused on backend and utilizing SQLite3 and PostgreSQL databases for application infrastructure.
- Implementation of Medical Imaging and ECG Analysis Using Machine Learning Algorithms and Deep Neural Networks on Heart and Breast Cancer.** 11/2023 – 4/2024
 - As a team lead, spearheading a team effort to deploy machine learning algorithms and deep neural networks for

medical imaging and ECG analysis, specifically targeting heart and breast cancer diagnostics.

- Implementation of Identification of Plants Nutrient Deficiencies** 12/2023 – 05/2024
 - As a team lead, I worked on integrate imaging, classification, and analysis techniques utilizing CNN, VGG-16, and VGG-19 models achieving a 97% accuracy in identifying plant nutrient deficiencies.
- Sentiment Insights: Recognition on US-Twitter Sentimental Analysis Using Tensor Flow** 12/2023 – 05/2024
 - As a team, we integrated TensorFlow-based text recognition into Twitter sentiment analysis for enriched insights.
- Neural Insights: Chat bot machine on Checking Human Brain Using NLP** 12/2023 – 05/2024
 - As the team member, I worked on a high-performing NLP-CNN model achieving 92%.

Internships

- AICTE:** AI-ML Virtual Internship. 05/2023 – 07/2023
- Quantum Learnings:** AI & ML with Data Science . 02/2023 – 04/2023
- Skolar:** ML Virtual Internship. 01/2023 – 04/2023.

Achievements

- JPMC - Code for Good Hackathon - 2023 - Participant.
- Presented a manuscript at the 6th ICMPT-2024 conference.

Certifications

- Cambridge English: Business Preliminary - B1-level. - 02/2023
- Microsoft Certified: Azure Fundamentals – AZ - 900. – 02/2023
- Microsoft Certified: AI -900 - 02/2023
- Oracle Cloud Infrastructure 2023 Certified Architect Associate - 1Z0-1072-23. – 08/2023
- TensorFlow Developer Certification – 05/2024

Positions of Responsibility

- The President of The EFIT - CSIT Student Body, KL University.
- The Sergeant at Arms of The Rotaract Club of KL University.