MEGHASHREE K

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Career Objective

To obtain a challenging role as a Software Engineer in a collaborative environment where I can leverage my strong skills and passion for innovation to design and develop software solutions that drive business growth.

Internships

AI/ML, Zephyr Technologies   July, 2024 - Aug, 2024

- Skilled in developing and optimizing machine learning models, leveraging various algorithms and techniques to improve performance and accuracy.
- Gained practical experience in building models from scratch, testing their performance and ensuring they deliver accurate results.

Dart with Flutter Framework, QSpiders   Oct, 2023 - Nov, 2023

- Fundamentals of Dart programming with hands-on experience exploring the Flutter framework for database connection and cross-platform development.
- Gained a solid understanding of how to build mobile apps with Flutter and used this knowledge in practice by creating an app with real-world applications.

Projects

Detecting Fusarium Wilt in Banana Plant using LLM

- Built and trained CNN model , also integrated hardware sensors to detect Fusarium Wilt in Banana Plants.
- Aiming to enhance early disease detection and reduce crop losses with the help of chatbot.

Animal rescue database management

- Designed and implemented animal rescue database management performing CRUD operations.
- Built user-friendly interface by utilizing PHP to interact with a MySQL database and providing seamless user experience through HTML and CSS.

Detection of Lung Cancer using Machine Learning.

- Developed a predictive model for lung cancer detection using patient data, employing linear, logistic regression, and data visualization techniques.
- Utilized pre-trained model to predict accuracy for new unknown data, achieving high precision and recall rates for improved diagnosis and patient outcomes.

Technical and Other Skills

Programming Languages: Python, C basics, Java basics.
Web technologies and Database: HTML, CSS, JavaScript, Flutter and Dart, MySQL.
Libraries and other skills: Scikit-learn, TensorFlow, Data visualization, Leadership, Strong interpersonal Skill

Education

Bachelor of Engineering, Artificial Intelligence and Machine Learning [AIML]   Dec, 2021 – May,2025

Vivekananda College of Engineering and Technology, Puttur
  CGPA: 8.66

Pre-University Education, PCMB   June, 2019 - July, 2021

KVG Amarajyothi PU college, Sullia
  Percentage: 85.3

Certifications

- **Oracle Database Platform** - Coursera • **Python Programming** - Infosys Springboard • **AI for youth bootcamp** – intel digital