KUMUTHA R |TamilNadu

thakrishnankumu@gmail.com | 7200341567 | LinkedIn

EXECUTIVE SUMMARY

Highly motivated Computer Science and Engineering student with expertise in web development, artificial intelligence (AI), and cloud computing. Proficient in developing scalable full-stack applications, optimizing cloud solutions using platforms like AWS, and employing machine learning (ML) techniques to solve real-world problems. Demonstrated strong technical and collaborative skills through internships at Infosys and Postulate Info Tech, focusing on web technologies and cloud platforms. Enthusiastic about contributing to cutting-edge projects and making a significant impact in diverse organizational settings.

EXPERIENCE

INFOSYS SPRINGBOARD INTERN |PATH TO FUTURE MEMBER

Oct-Dec 2024 | Remote, India

- Worked on a melanoma skin cancer screening project utilizing advanced AI and machine learning techniques to classify and detect cancerous lesions.
- Developedandfine-tuneddeeplearningmodelsusingconvolutional neural networks (CNNs) for image analysis and diagnostic accuracy.
- Implementeddatapreprocessing,augmentation,andfeature extraction techniques to enhance model performance and robustness.
- Linktoprojectdetails

POSTULATE INFO TECH INTERN | FULL-STACK WEB DEVELOPMENT INTERN

Sep 10, 2024 – Sep 19, 2024 | TamilNadu

- Developeddynamicandresponsivefull-stackwebapplicationsusing technologies such as HTML, CSS, JavaScript, and React for the frontend and Node.js for the backend.
- Collaborated with the development team to design and optimize databases using MongoDB for efficient data storage and retrieval.
- AppliedversioncontrolusingGitandGitHubtomanageandtrack changes in the project codebase.
- Linktoprojectdetails

PROJECTS

CREDIT CARD FRAUD DETECTION Jan 2024 | link

- LeddevelopmentofanML-basedsystemtodetectcreditcardfraud using Python.
- Implementedclassificationmodels(LogisticRegression,Decision Trees, Random Forest) to analyze transaction data.
- Appliedfeatureengineeringanddatapreprocessingtoenhance model accuracy and performance.

NEURAL STYLE TRANSFER | PYTORCH IMPLEMENTATION OF ARTISTIC STYLE TRANSFER

Aug 2024 - Sep 2024 | link

- Developed a **PyTorch implementation** of the paper a Neural Algorithm of Artistic Style.
- DemonstratedstyletransferbyapplyingthestyleofTheStarryNight to a night-time photograph of Stanford campus.

EDUCATION

DR SIVANTHI ADITANAR COLLEGE OF ENGINEERING

BACHELOR OF COMPUTER SCIENCE AND ENGINEERING
Expected May 2026 | Tiruchendur,Thoothukudi Cum. GPA: 8.6 / 10

SKILLS

PROGRAMMING

3+ years:

Python • C • HTML,CSS

1+ years:

PHP • JavaScript

0+ years:

React js • R • java

TECHNOLOGY

Git/Github • AWS • Linux UNIX • Windows • ROS Artificial Intelligence • Automation

CERTIFICATIONS

Google Cloud Skills Boost | Skill Badge: Perform Foundational Data, ML, and AI Tasks **Google Cloud Skills Boost** | Skill Badge: Engineer Data in Google Cloud **Skillsoft** | Certified Data Analyst **Google Cloud Skills Boost** | Skill Badge: Machine Learning in Google Cloud

VOLUNTEERING

- **OpenSourceContributor:** Contributed to GitHub projects by improving features, resolving issues, and collaborating with global communities.
- **InternshalaStudentPartner:** Promoted internships, organized workshops, and built leadership and marketing skills as a campus ambassador.

LINKS

Github:**KUMU-THA**
LinkedIn: **KUMUTHA R**
Hackerrank:**kumutha182004**
Email:**Kumutha R**