KALYAN RAJA KADARI

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EDUCATION

Florida State University — Tallahassee, Florida
Masters Computer Science — Aug 2023 - Aug 2025

Jawaharlal Nehru Technological University(JNTUH) — Hyderabad, Telangana, India
B.Tech Computer Science and Engineering *GPA: 7.6/10* — July 2018 - July 2022

EXPERIENCE

Opentext — Hyderabad, India
Associate Software Developer — Nov 2021 - July 2023

- Worked as a Web Developer for the Content Services Platform, Opentext Media Management.
- Implemented custom Web-Sockets using Python for low-latency real-time exchange of workflows and thread updates, reducing REST API calls.
- Designed and developed a storage system for Data and got expertise in performing analysis of databases using python scripts.
- Worked on Front-end design and Interactive user experience using Functional programming.

Opentext — Hyderabad, India
Software Developer intern — Sept 2021 - Nov 2021

- Used Ajax and Javascript to create interactive User Interface.Performed Validations on web forms using .NET validation controls and Javascript.

Bitwise Solutions Pvt. Ltd — Pune, India
Project Trainee — July 2021 - Sept 2021

- Logging and Tracking of bugs, Investigate the cause of Defects in Data Migration to Cloud Project.

TECHNICAL SKILLS

Misc:	C, C++, Java, Python, JavaScript, R Programming
Database:	MySQL, MongoDB, Oracle, PostgreSQL
Web Development:	HTML, CSS, Bootstrap, Javascript, Angular, ReactJS, Vue.JS
Framework:	Tensor Flow, Keras, Node JS, Pytorch, scikit-learn, SparkML, torch
Fields of Interest:	Data Structures & Algorithms, Machine Learning, AI, Statistics, Data Science.

ACADEMIC AND RESEARCH PROJECTS

Driver Safety Prediction System *BPNN, CNN, OpenCV*
https://www.ijsr.net/archive/v11i11/SR221121203453.pdf
To simulate the vehicle's driving patterns, I applied the Backpropagation Neural Network (BPNN) algorithm in combination with the MATLAB operation program. I developed a hidden Markov model based on dynamic modeling and the eye-aspect ratio (EAR) to predict the driver's mental state.

Optimizers in Deep Learning: A comparative study and analysis
https://www.ijraset.com/best-journal/optimizers-in-deep-learning-a-comparative-study-and-analysis

Cardiovascular Disease Prediction using Genetic Algorithm
http://www.ijaresm.com/uploaded_files/document_file/Bhavya_Pandya_compressedvmcl.pdf

CERTIFICATIONS

Google Summer of Code (GSoC) - Student Developer

SOPHOS coding competition conducted by IEEE in collaboration with KMIT.

Level 1: E-Commerce & Tech Quiz of Flipkart GRiD 3.0 - Software Development challenge organized by FLIPKART

Data Science for Engineers, Introduction to Research, Real-Time Systems - NPTEL

Developed a Full-Stack web application from scratch and Presented seminar on ' Full-Stack development in production'.

Solved 1000+ Programming questions on Codechef, secured first position in Codechef College Leaderboard.