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EDUCATION **Northeastern University, Boston** **Sept '24 – Present**
Master of Science, Computer Science

Ramaiah University of Applied Sciences, Bangalore **Aug '20 – June '24**
B.Tech, Computer Science and Engineering, **GPA 8.85/10.0**

TECHNICAL SKILLS
Operation Systems: Windows, MacOS, Linux
Programming Languages: Java, Python, MATLAB, HTML/CSS, JavaScript
Database: MySQL, MongoDB

PROFESSIONAL EXPERIENCE **Bramhansh Technologies, Bangalore, India** **Feb '24 – July '24**
Application Developer

- Planned, designed and developed the ‘Migraelief’ Mobile Application from scratch.
- Developed the mobile application with compatibility in mind for both Android and IOS Platforms from using Flutter.
- Used creative design techniques to make the app look and feel modern and easy to use.

Ganga Hi-Tech, Bangalore, India **Oct '22 – June '23**
Associate Engineer (Trainee)

- I worked with HTML, CSS, and JavaScript to create front-end interfaces that are optimized for both mobile and desktop platforms.
- Additionally, I also worked on developing robust back-end databases, applications, and servers that support website functionality. To manage these databases, I leveraged my expertise in NodeJS and SQL.
- Researched emerging web technologies and trends for possible incorporation into sites.

Ramaiah University of Applied Sciences, Bangalore, India.
Undergraduate Student Research Assistant **April '22 – Dec '23**

- Gathered, arranged, and corrected research data to aid professors.
- Collected research data through experimentation, surveys and leading focus groups.
- Attended seminars and symposiums to improve overall knowledge and understanding.

- Maintained up-to-date records of research activities and results for future reference.
- Provided support and guidance to juniors.

Samsung India, Bangalore, India

July '19 – April '21

Social Media Marketing Intern

- Researched relevant industry trends to develop engaging, topical social media content.
- Designed and presented social media campaign ideas.
- Evaluated analytics to track campaign success and identify improvement opportunities.
- Developed creative and unique campaign visuals, including videos, GIFs and images.

Epicofy Media, Bangalore, India

Dec '18 – May '19

Graphic Designer

- Developed creative design for print materials, brochures, banners, and signs.
- Designed creative digital displays used in online advertising for company products.

Service4Startup, Bangalore, India

Sept '18 – Dec '18

Technical Writer

- Edited and proofread technical documents for accuracy and consistency.
- Presented new technology and drafted white papers and other technical documents to complete packages.
- Followed company policies and editorial guidelines to craft thorough, well-written content.

PUBLICATIONS

G. Vagale, G. Prajwal, R. Kumar and P. Padma Priya Dharishini, "**Computer Vision assisted Deep Learning based Sitting Posture Suggestion System**," *2024 3rd International Conference for Innovation in Technology (INOCON)*, Bangalore, India, 2024, pp. 1-6, doi: 10.1109/INOCON60754.2024.10511345.

G. Vagale, S. Y. Bhat, P. P. P. Dharishini and P. GK, "**ProspectCV: LLM-Based Advanced CV-JD Evaluation Platform**," *2024 IEEE Students Conference on Engineering and Systems (SCES)*, Prayagraj, India, 2024, pp. 1-6, doi: 10.1109/SCES61914.2024.10652548.

ProspectCV: LLM-based advanced CV-JD evaluation platform
Ramaiah University of Applied Sciences, Bangalore, India

- A web application that utilizes Google's Gemini Pro Vision LLM to process the CV and job description, providing data in JSON format. Its primary objective is to assess and align the user's CV with the job description while offering valuable feedback and suggestions for improvement.
- By analyzing the CV and job description, the framework identifies gaps and shortcomings, providing recommendations for addressing them. Additionally, it recommends resources such as training courses or certifications to help users enhance their skills and qualifications, creating a stronger and more competitive CV.

Computer Vision Assisted Deep Learning based Sitting Posture Suggestion System

Ramaiah University of Applied Sciences, Bangalore, India

- A web application that combines computer vision and deep learning techniques to revolutionize sitting habits. By analyzing real-time posture through cameras, the application provides personalized feedback and recommendations for optimal alignment. This project was developed with an aim to reduce musculoskeletal issues and enhance well-being by guiding users towards healthier sitting postures.
- Open Pose Model was used for real time pose detection and Python along with libraries such as OpenCV and TensorFlow were used to build this project.

Stock Price Prediction using Machine Learning

Ramaiah University of Applied Sciences, Bangalore, India

- A Machine Learning based project to predict Price of Nifty50 index by importing data directly from National Stock Exchange of India(NSEI) and applying various Machine Learning Algorithms to the data.
- Various libraries such as Pandas, Matplotlib, Scikit-learn and Numpy were used in the project. After training the Model with train data, the test data was used to test the model, where the model's prediction had an accuracy of 97.95%. Statistical metrics and performance evaluation was done after which prediction of values for the following month and year was generated along with a graph.

Full Stack Appointment Booking and Managing System

Ramaiah University of Applied Sciences, Bangalore, India

- A Full stack Appointment booking and managing System for a pet parlour was developed and deployed. The application had features such as user account registration and login, appointment booking, cancelling and rescheduling.
- The front End was developed using HTML, CSS, JavaScript and bootstrap, while in the backend MongoDB was used as an online database to store user

and appointment data. To connect the database with front-end, Node.js, a middleware called express along with other dependencies like body- parser were used. mongoose was used to establish connection with the MongoDB.

IOT and Cloud based Air and Temperature Monitoring System

Ramaiah University of Applied Sciences, Bangalore, India

- An IOT-based air quality and temperature monitoring system that allowed users to track the quality and temperature of air online and identify the level of dangerous gases including CO, CO2, smoke, alcohol, benzene, and NH3 that are present in the atmosphere was built by our team.
- The air quality and temperature data were collected by the MQ135 gas sensor and the temperature sensor and was then uploaded to ThingSpeak Cloud by the ESP32 MCU Module via internet. The data was further analysed and presented to the user in the form of a graph.

Full Stack Student Exam Portal

Ramaiah University of Applied Sciences, Bangalore, India

- A student exam portal was developed using HTML, CSS, JavaScript and Node.js while using MongoDB as Database. Features such as Student Registration, Login, course selection, exam registration and exam hall ticket generation containing student and exam details was developed.

ACHIEVEMENTS

- Winner of Evolute Student Startup Award 2023 and got a chance to incubate our start-up Rai Deftech
- Winner of IEEE DevSprints Hackathon 2023
- Semi-Finalist in Smart India Hackathon 2022 and BMS IEEE SecureHack Hackathon 2023
- Founder of The Startup Society, a premier student entrepreneurs club supported by the Center for Entrepreneurship, MSRUAS
- Founding Member of Anubhooti, our university's Drama Club
- Head of Technology for E-Cell MSRUAS, an entrepreneurship club for students from the Faculty of Engineering, MSRUAS
- Class Representative for CSE Department from 1st to 5th semesters
- Technical Lead Organiser for TEDxRUAS events
- Member of Institution's Innovation Council – MSRUAS