Jaideep M C

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Career Objective

Aspiring Computer Science Engineering student with a strong foundation in software development, programming, and database management. Proficient in Java, Python, and SDLC methodologies, with hands-on experience in AI-driven projects. Eager to start a professional career in the IT industry by contributing to innovative enterprise solutions and enhancing organizational efficiency in a collaborative environment.

Education

- **J S S Academy Of Technical Education** *[2022-2026]*
  Bachelor of Engineering in Information Science ***CGPA – 9.03 / 10***
- **Rock Valley PU College** *2022*
  Department of Pre University Education ***Percentage: 96.33***
- **Sri Venu Vidya Samsathe** *2020*
  Karnataka Secondary Education Examination Board, Karnataka ***Percentage: 96.00***

Technical Skills

- **Programming**: Python, Java, SQL, HTML, CSS, JavaScript, MongoDB
- **Tools & Platforms**: VS Code, Google Colab, Jupyter, GitHub, Power BI, Tableau
- **Core Competencies**: OOP, Data Structures, SDLC, Agile/Scrum methodology, Basic Cloud Concepts, Machine Learning, NLP

Professional Experience

- **Artificial Intelligence and Machine Learning Internship** *(TechSaksham)* *October – November 2024*
  - Designed and implemented a Facial Attendance Marking System during the TechSaksham AI internship using Python, OpenCV, and machine learning models for real-time face detection and recognition, enabling attendance management.
- **Artificial Intelligence & Data Analytics Internship** *(Edunet Foundation)* *April – May 2025*
  - Applied AI and data analytics skills to develop a Forest Fire Detection project during an internship on Green Skills, organized by AICTE, Shell India, and Edunet Foundation.

Projects

- **Facial Attendance Marking System (***Python, Machine Learning, OpenCV)* *October – November 2024*
  - Developed a Face Recognition Attendance Management System in Python using OpenCV and the LBPH algorithm, enabling automated capture, training, and real-time identification from webcam images.
  - Designed a data pipeline for dataset creation, face detection, feature extraction, model training, and CSV-based attendance logging - streamlining classroom and workplace attendance processes.
- **Forest Fire Detection Using Deep Learning (***Python, TensorFlow)* *April – May 2025*
  - Built and implemented a Convolutional Neural Network (CNN) in Python using Tensorflow to perform automatic image classification for forest fire detection.
  - Developed an early wildfire detection system capable of distinguishing fire vs. no-fire scenarios, contributing to intelligent disaster management solutions.
- **Detection and Classification of Cardiac Arrhythmia (** *Python, Flask)* *March – November 2025*
  - Built an arrhythmia detection model using Weighted KNN with optimized preprocessing and feature scaling for accurate ECG classification.
  - Deployed the model using Flask with real-time prediction, probability visualization, and ECG waveform graphs.

Certification

- Certified Azure Data Fundamentals (DP-900) – **Microsoft**
- Certified Power Platform Fundamentals (PL-900) – **Microsoft**
- Certified Data Science Professional – **Oracle**

Soft Skills

- Communication, Teamwork & Collaboration, Problem-Solving & Critical Thinking, Agile Mindset, Adaptability & Flexibility.