Sunkara Sree Veera Vijaya Mani Dhanaraju

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WORK EXPERIENCE AND INTERNSHIPS

SOFTWARE ENGINEER at ADP—   Sept 2024 - Present

Specializing in designing intuitive and responsive interfaces for workforce management applications, ensuring seamless user experiences. Skilled in optimizing design for performance and functionality.

AI and ML INTERNSHIP at IBM   Dec 2022 - Feb 2023

Completed a 3-month internship, mastering ML algorithms and advanced data processing techniques. Developed a mental fitness tracker using a Decision Tree model, focusing on performance optimization.

FULL STACK DEVELOPMENT INTERNSHIP from APSCHE   Oct 2022 - Nov 2022

Gained hands-on experience in HTML, CSS, JavaScript, MySQL, Flask, and Python, successfully developing a functional ticket booking system. Applied full-stack development skills to design, implement, and optimize the project.

PROJECTS

MYOCARDIAL INFARCTION DETECTION USING ECG

Developed a myocardial infarction detection system using Convolutional Neural Network and Federated Learning, achieving a notable 97% accuracy on lead 2 ECG data. Analyzed ECG signals to identify subtle patterns, providing an efficient approach for early cardiac event detection.

AERORESERVE- Ticket Booking System

Developed a flight ticket booking website using Flask, encompassing both front-end and back-end components. Utilized HTML, CSS, JavaScript, and Python to create a responsive and user-friendly interface. Integrated database management and authentication systems to ensure secure and seamless functionality.

FACE MASK DETECTION USING CNN

Developed a CNN model using Keras and TensorFlow achieving 97% accuracy in detecting face masks in images.

EDUCATION

11/2020 - 05/2024	B.Tech at **University College of Engineering Kakinada JNTUK** (CGPA: 8.6)
07/2018-06/2020	Intermediate at **Sasi Junior College** (GPA: 10.0)

SKILLS

Programming languages: C, C++, Python, Java, HTML, CSS, Javascript, Visual studio code.
DataBases and Frameworks: SQL, MySQL, DBMS, Flask,Agile methodologies, Eclipse, IntelliJ.
Soft Skills: Problem-Solving, Analytical Thinking, Communication, Team Collaboration
Software Development Life Cycles, Web Development, Data Structures and Algorithms, OOPs,git
Tensorflow, PyTorch, Numpy, Pandas, Machine Learning, TCP/IP , Networking Fundamentals

ACHIEVEMENTS AND CERTIFICATIONS

Secured a Silver badge in **Data Structures and Algorithms** from SMARTINTERVIEWS in 2023.
Secured a certificate for **Data Science for Engineers** with a score of 67% from NPTEL.
Secured a certificate on **Data Science Machine Learning** from Datavalley India Pvt Ltd.
Secured Certificates for Problem solving, Python, SQL from Hackerrank.