

Jayateerth Dambal

Full Stack Developer

Ichalkaranji, India

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TECHNICAL SKILLS

- **Backend:** Python, Django, Flask, Django Rest Framework, Node JS, Pandas, Numpy, Celery
- **Frontend:** Javascript, React Js, Next JS, Material UI, Tailwind CSS, D3.js, Chart.js, Bootstrap
- **Database:** PostgreSQL, MongoDB, SQLite3
- **DevOps:** Jenkins, Docker, Kubernetes, AWS, GCP

WORK EXPERIENCE

Python Developer

February 2023 – Present

Accomptant Inc, New York, NY (Remote)

- Initiated and managed a SaaS application using Django and React, integrating container technologies for enhanced security and scalability.
- Engaged in creating technical documentation and tutorials, contributing to developer community forums.
- Led initiatives to improve application performance and security, using AWS services and implementing best practices in containerization.

Associate IoT Developer

July 2022 – September 2022

Kainskep IoT Solutions, Jaipur, India

- Implemented a robust maintenance and monitoring framework for IoT devices, utilizing MQTT Protocol and Azure IoT Hub, resulting in a noteworthy 25% decrease in system downtime, optimizing device performance and enhancing overall operational efficiency.
- Orchestrated the successful deployment of Azure IoT Hub, enabling efficient configuration of a number of IoT devices and driving a notable 30% enhancement in data processing performance.
- Built a data-driven customer segmentation strategy, resulting in a 20% increase in customer retention and a 10% reduction in customer churn.

PERSONAL PROJECTS

Image Processing Based Object Sorting Machine

November 2022 – May 2023

- Engineered an object detection system capable of processing real-time camera-collected data, with potential for industrial applications, resulting in a 30% reduction in false positives.
- Architected an advanced image processing object sorting machine using TensorFlow, achieving a remarkable 25% increase in object detection accuracy, enhancing productivity and streamlining sorting operations.
- Implemented containerized deployment for the system, resulting in increased scalability and security.

API Based Django App for Monitoring Sensor Values

June 2021 – October 2021

- Spearheaded the development of a robust Django-based API app, enabling seamless monitoring and analysis of sensor data, driving a remarkable 30% increase in data handling efficiency, enhancing operational performance and decision-making accuracy.
- Led the initiative to implement a state-of-the-art user authentication system, utilizing advanced encryption algorithms and secure protocols; bolstered platform security, resulting in an impressive 60% decrease in unauthorized access attempts and improved user experience.
- Enhanced data communication with ESP32 nodes using Django and the Django Rest Framework resulted in a 40% reduction in response time.

Face Recognition Based Attendance System

January 2021 – March 2021

- Developed a Face Recognition Attendance System with a precision rate of 95% and exceptional reliability using the LBPH algorithm.
- Upgraded system deployment on Raspberry Pi, cutting deployment time by 40% and ensuring portability and accessibility across diverse environments.

EDUCATION

D.K.T.E's Textile and Engineering Institute
Bachelor of Technology — Electronics Engineering
CGPA: 7.56

August 2019 – July 2023

Manere Junior College
Higher Secondary Education — Science
Result: 71.69%

March 2018 – February 2019

CERTIFICATES

Cybersecurity and the Internet of Things - Coursera	July 2020 - July 2020
Linear Regression with Python - Coursera	August 2020 - August 2020
Sensors and Sensor Circuit Design - Coursera	July 2020 - July 2020
Create Interactive Dashboards with Streamlit and Python - Coursera	August 2020 - August 2020
AWS Fundamentals: Going Cloud-Native - Coursera	August 2020 - August 2020
Scalable Machine Learning on Big Data using Apache Spark - Coursera	September 2020 - October 2020
The Raspberry Pi Platform and Python Programming for the Raspberry Pi - Coursera	July 2020 - July 2020
Machine Learning with Python - Coursera	July 2020 - July 2020
SQL for Data Science - Coursera	August 2020 - August 2020
Introduction to Data Science in Python - Coursera	September 2020 - September 2020

LANGUAGES

English (Fluent)
Marathi (Fluent)

Hindi (Fluent)
Kannada (Native)