Sachin Shivaji Doddamani

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Professional Summary

Energetic computer science graduate with a strong machine learning and data analysis background accompanied by excellent communication and interpersonal skills. Proficient in deep learning and statistical techniques for data science. Extended knowledge of ETL operations, database management systems, and the FinTech ecosystem. Proven track record of successful internships and projects.

Education

Jawahar Navodaya Vidyalaya, Dharwad
Class X — Dharwad, Karnataka
CGPA: 8.6 (2014)

Shantiniketan PU College, Dharwad
Class XII — Dharwad, Karnataka
Percentage: 64% (2016)

VTU Belgaum
Bachelor of Engineering in Computer Science and Engineering — Chamarajanagar, Karnataka
CGPA: 7.45 (2017-21)

National Institute of Technology, Karnataka
Master of Technology in Computer Science — Surathkal, Karnataka
CGPA: 7.0 (2022-present)

Skills

- Statistical Machine Learning
- Deep Learning with Keras and TensorFlow
- MongoDB and MySQL Proficiency
- FinTech Ecosystem
- Stakeholder Relationship Management

Experience

Intern — Tech Fortune Technologies **07/2020 - 08/2020**
Bangalore, Karnataka

- Learned core concepts of Data Science and feature engineering
- Designed and implemented data analysis projects based on publicly available datasets.

Certifications

MongoDB and Document Model (MongoDB)

- Issued: Oct 2023
- Credential ID: MDB0zdaccp1ok

Artificial Intelligence with Python (Great Learning)

- Issued: Feb 2022

SQL (HackerRank)

- Issued: Sep 2021
- Credential ID: ec6e94bca304

Projects

Semi-automatic Depth-Map Generation of Images using Random Walk Segmentation in MATLAB (VTU)
Objective: Created a model that autonomously generates depth maps from images, with semi or least-human intervention. Implemented in MATLAB, utilizing the image processing toolbox alongside Gaussian mixture models and the random walk algorithm.

Crop Production and Yield Prediction in Karnataka State with Machine Learning Algorithms (NITK)
Objective: Employed EDA and machine learning solutions to forecast crop yields in Karnataka by analyzing weather, soil quality, rainfall, and historical crop data. Implemented Random Forest and Gradient Boosting regression methods using Python's Scikit-learn and Pandas libraries.

E-wallet and Mobile Payment Transaction Anomaly Detection to Prevent Money Laundering (Ongoing)
Objective: Developing a robust system integrating smart contracts and machine learning algorithms for real-time anomaly detection and enhancing user security in E-wallet and Mobile payments to combat money laundering.