Varun Shankar S

Location: Chennai, India

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Objective: Seeking an entry-level position in software development, utilizing knowledge in Python programming, data science, and database management to contribute effectively to the team.

Education

B.E. Computer Science & Engineering
Sri Sairam Institute of Technology, Chennai (2019 – 2023)

Higher Secondary
Sri Ramakrishna Matriculation Hr. Sec. School, Chennai (2018 – 2019)

Secondary School Leaving Certificate
Zion Matriculation Higher Secondary School, Chennai (2016 – 2017)

Certifications

- IBM Data Science Specialization Certificate - Coursera
- IBM Complete Data Science Bootcamp – Udemy
- The Complete Python Bootcamp in Python – Udemy
- TensorFlow Developer (Zero to Mastery) – Udemy
- Cloud Data Management – Oracle

Project Work

- **ICO Fundraising for E-learning Platform**   2022-2023
  Led an Initial Coin Offering (ICO) project utilizing blockchain technology to raise capital for the development and launch of an e-learning platform. Successfully issued new digital tokens to investors in exchange for established cryptocurrencies, resulting in substantial funding for the project.
- **Credit Card Fraud Detection**   2021-2022
  To predict whether a credit card transaction is fraudulent, advanced machine learning algorithms are utilized, analyzing transaction data including amount, location, and other relevant factors.

Technical Skills

- **Programming Languages:**
  - **Python**: Proficient in Python programming for software development, data analysis, and machine learning applications.
  - **JavaScript**: Experience in developing basic web applications and dynamic user interfaces using JavaScript.
- **Statistics & Data Analysis:** Skilled in statistical analysis and data visualization techniques for deriving meaningful insights from data.
- **Machine Learning & Big Data**: Familiarity with machine learning algorithms and big data tools for developing predictive models and analyzing large datasets. Solid understanding of data preprocessing techniques for machine learning tasks, including data cleaning and feature scaling. Proficient in using libraries such as Pandas, NumPy, and TensorFlow to manipulate and prepare datasets for analysis and model training.
- **Database Management & SQL:** Proficient in SQL for database management and manipulation of relational databases. Strong understanding of defining and managing database schema, including creating tables, defining constraints, and establishing relationships, using SQL and other database management systems.
- **Web Development:** Experience in HTML & CSS for front-end web development and creating responsive web layouts.
- **Microsoft Excel & Data Mining:** Proficient in data manipulation and analysis using Microsoft Excel and data mining techniques.

Soft Skills

Confident & determined, Problem-solving, Critical thinking, Attention to detail

Interests

Online Chess, Playing Guitar, Cooking