Mothi Basha Shaik

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PROFESSIONAL SUMMARY

Full Stack Software Engineer and Data Science graduate skilled in building scalable applications (Next.js, React, TypeScript, and Node.js) and deriving insights from data (Python, SQL, Tableau). Experience in Agile development, API integrations, and predictive modeling. Passionate about solving complex problems through clean code, Data driven decision-making. Adept at translating technical concepts into business values.

PROFESSIONAL EXPERIENCE

Interstate   **San Francisco, CA, USA**
Full Stack Software Engineer   Dec 2024 – Present

- Developed full-stack features using **Next.js**, **React**, **TypeScript**, and **Tailwind CSS.**
- Integrated **APIs** to fetch and display real-time wallet data, enabling live balance tracking and transaction analytics.
- Built and optimized UI components like reusable modals, tooltips, and search-enabled tables for responsive, user-friendly experiences.
- Collaborated in **Agile** teams to enhance dashboard performance and reliability.

V-Cube Software Solutions   **Hyderabad, Telangana**
Software Engineer Intern   Sept 2024 – Nov 2024

- Contributed to the development of a web-based internal tool designed to streamline business processes, working closely with developers, designers, and testers in a fast-paced Agile environment
- Designed, built, and optimized user-facing features using modern technologies including **JavaScript, React, Node.js**, and REST APIs, improving performance and usability.
- Actively participated in **daily standups, sprint planning**, and collaborative code reviews, ensuring continuous delivery and alignment with sprint goals.
- Wrote clean, maintainable, and well-documented code, following **version control best practices (Git)** and leveraging **JIRA** for issue tracking and sprint management.

PROJECTS

Customer Purchase Pattern Prediction

- Performed **exploratory data analysis (EDA)** and visualized trends using **Python (Pandas, Matplotlib)**.
- Developed a predictive model for forecasting purchases based on statistical patterns and customer behavior
- Improved overall business decision-making efficiency and customer segmentation strategies.

EDUCATION

Acharya Nagarjuna University   **Guntur, Andhra Pradesh**
Bachelor of Science in Data Science   June 2022 – April 2025

- GPA: 7.5
- **Relevant Coursework:** Data Science, R, Python, Java, DBMS, Data Structures, Statistics.
- **Key Tools:** Python, SQL, Java, HTML, Data Structures, Operating System, R, Tableau, Scikit-learn, Pandas, NumPy, Matplotlib, PHP, JavaScript, TypeScript, React

Technical Skills:

- Data Analysis: Python (Pandas, NumPy, Scikit-learn), SQL, R.
- Data Visualization: Tableau, Matplotlib.
- Machine learning: Predictive Modeling, Regression, Clustering.
- Tools: Git, JIRA, Excel.
- Methods: EDA, Data cleaning, Statistical Analysis.
- Languages: Python, SQL, JavaScript, TypeScript, Next.js, React, REST API, HTML, CSS, Node.js.

ADDITIONAL:

Activities: Participated in National level online Quiz on National Statistics Day.

Languages: English (Fluent), Hindi (Fluent), Telugu (Native).

Certifications: Data Science & Machine Learning Certificate | ExcelR,

Data Science Professional Certificate (In Progress) | Udemy