Sahoo S

Full Stack Developer, 5+ years experience
Hyderabad, India
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a Full Stack Developer with 5 years 9 months of experience in building scalable web and mobile applications. I work extensively with React Native, React.js, Node.js, Python, FastAPI, and Express.js. I enjoy creating end to end solutions from designing REST APIs to building smooth and responsive frontends. Im experienced with MongoDB, Firebase, and MySQL, and I frequently deploy applications on AWS and Render. I have strong knowledge of secure authentication, payment integrations, real time communication using WebSocket, and state management with Redux. I also work with Docker, TypeScript, and have integrated ML models using Python. My focus is always on writing clean, maintainable code and delivering reliable, high performing applications. I am passionate about solving problems and continuously learning new technologies that help me build better products.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• React	5 years
• API Integration	4 years
• Redux	4 years
• HTML	4 years
• Context API	4 years
• JavaScript	4 years
• Github	4 years
• CSS	3 years
• TypeScript	3 years
• Python	3 years

SOFT SKILLS

Problem-solving, Critical thinking

PROJECT DETAILS

• Cryptocurrency Liquidity Prediction

Project Description: Developed a FastAPI based backend to serve real-time cryptocurrency liquidity predictions and market stability insights through RESTful endpoints

Responsibilities: Built a scalable data processing pipeline for cleaning, normalizing, and engineering features such as volatility, moving averages, and liquidity ratios. Integrated trained ML regression models with the FastAPI service, enabling low latency inference for dynamic liquidity forecasting. Created a Streamlit analytics dashboard for visualizing liquidity trends and model predictions, improving interpretability for traders and analysts. Structured the project with clear modules for data handling, API logic, and model serving, ensuring production ready performance and easy deployment

Technologies: Python, FastAPI, Scikit learn, Flask, Render

Industry: Software and Platforms

• Waste Management and Recycling

Project Description: Developed a FastAPI based backend system to manage city-level waste and recycling data, exposing secure REST APIs for analytics and insights.
Responsibilities: Built a Flask-powered dashboard that allowed users to input data, view real-time recycling metrics, and visualize performance trends across cities. Implemented modular backend architecture with separate layers for data processing, API handling, and model integration to ensure clean, maintainable code. Deployed the application on Render, configuring environments, optimizing response times, and ensuring smooth API performance under production load. Collaborated on improving the data pipeline and application reliability, resulting in faster response times and a more intuitive user experience.
Technologies: Python, FastAPI, Scikit learn, Flask, Render
Industry: Software and Platforms

• Astrochalit API Service

Project Description: Integrated Google login using Firebase for secure user verification. Astrology APIs: Provides access to over 50 astrology-related APIs for various predictions and charts. Location API: Created an API to fetch and display places across India for astrological purposes.
Responsibilities: Subscription Plans: Users can subscribe to monthly or yearly plans to receive their personalized API key. API Analytics: Developed a dashboard to track and analyze API usage statistics. Payment History: Users can view their complete payment history and manage their subscriptions. Firebase Security: Utilized Firebase for user authentication and secure API key generation. Scalable Architecture: Designed to support a growing user base with flexible subscription models
Technologies: React, Nodejs, Mongodb,aws,firebase
Industry: Software and Platforms

EDUCATION

• Bachelors degree in Bachelor Of Computer Application from university 2018 - 2021

LANGUAGES

• English - native

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