SURIYAN

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Summary

Full stack developer with 1 year of experience building scalable, high-performance applications. Skilled in Next.js, React, React Native, Node.js, Express, Python, FastAPI, MongoDB, and AI agent integrations. Strong focus on clean, maintainable, industry-standard code.

Key Skills

Programming: HTML, CSS, JavaScript, Tailwind CSS, Next.js, React, React Native, Node.js, Express, Python, FastAPI, MongoDB, AI agent integration, API development
Tools: Git, VS Code, Postman, NPM, PIP, MongoDB Compass, Cursor, Prompt engineering

Professional Experience

Hifresh Agro Pvt Ltd

Internal Delivery Management Application – Mobile (React Native) & Backend (Node.js, Express)

- Designed and developed the entire application from scratch, implementing role-based authentication and secure session management.
- Built and integrated backend APIs for delivery management and invoice generation using Zoho Books API.
- Integrated with ESC/POS machines to enable on-demand bill printing directly from the application.
- Developed features for product owners to manage customer transactions and billings, providing complete financial oversight within the app.
- Ensured responsive layouts for devices ranging from small-screen smartphones to tablets.
- Implemented caching mechanisms to reduce redundant database queries, significantly improving API speed.
- Added stale response handling and advanced logging for improved reliability and maintainability.

AI-Driven Social Media Management Platform – Web (Next.js) & Backend (FastAPI, Node.js with TypeScript)

- Developed payment gateway integrations with Razorpay and PayPal, handling both backend workflows and frontend flows.
- Implemented multi-platform social media integrations (authentication to posting) for LinkedIn, Twitter, Facebook, Instagram, Reddit, and YouTube, supporting platform-specific post types.
- Created a microservice backend architecture, with integrations between FastAPI services, Node.js services, and Next.js frontend through a secure proxy routing system.
- Developed AI-powered agents for post generation, scheduling, caption rephrasing, brand kit extraction, browser automation, and prompt generation.
- Designed and implemented model definitions for most backend service entities in FastAPI, ensuring consistent data structures and validation across the system.
- Designed document persistence and storage on AWS EC2 for user uploads.
- Built the complete posting and scheduling flow (frontend, backend, and AI agents) with a complex, user-friendly UI/UX to simplify a feature-rich environment.

Education

B.E. Electronics and Communication Engineering
Dr.N.G.P. Institute of Technology   Jan 2019 – Jan 2023

Projects (Personal)

Farm2Com – EXPO React Native Mobile Application

- Developed an agriculture-focused app with community posts, consultant chat, news section, profile/crop management, and AI-based disease prediction and plant recommendations.