Divyesh Patil

Full Stack Developer

✉ patildivyesh861@gmail.com   📞 (+91) 8160688185   Ahmedabad, Gujarat, India

in LinkedIn   ⬡ GitHub

Professional Summary

Full Stack Developer with 1.5+ years of experience building scalable mobile and web applications. Expert in complete development lifecycle from architecture to deployment. Specialized in React Native, Python, Laravel, and modern web technologies with strong expertise in AI/ML integration, cloud infrastructure (AWS), and enterprise database design. Proven track record in payment gateway integration, real-time systems, and third-party service orchestration.

Technical Skills

- **Frontend:** React, React Native, Redux, Angular, JavaScript, HTML5, CSS3, Tailwind CSS, Material-UI, Three.js, BPMN.js

- **Backend:** NestJS, FastAPI, Laravel, Django, Python, RESTful APIs, WebSocket

- **Database & Cloud:** MySQL, AWS (S3, RDS, EC2), Firebase, Docker, Docker Compose, Git

- **AI/ML & Integrations:** OpenAI API, OpenAI Whisper, LLM Integration, Machine Learning, Telegram Bot API, TMDB API, SendGrid

- **Security & Payments:** JWT Authentication, OAuth2, Razorpay, Coinremitter, Webhook Integration, Presigned URLs

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Professional Experience

Full Stack Developer — fxis.ai

Ahmedabad, Gujarat — Jan 2024 – Present (1.5 years)

Trip Management Mobile App: Developed React Native application with complex navigation architecture and responsive layouts. Resolved critical back-stack bugs and published updates on Google Play Store and Apple App Store with improved user retention.

FX Company Website Revamp: Led website redesign with interactive map visualization, custom markers, and zoom controls. Achieved 40% performance improvement through WebP optimization, sprite techniques, and JavaScript minification. Implemented dynamic modals, carousels, and interactive sliders from Figma designs.

Haveto Crypto Payment Gateway: Architected payment system migration from Copperx to Coinremitter supporting Bitcoin, Ethereum, and Dogecoin. Built webhook infrastructure for real-time transaction monitoring, integrated SendGrid for payment confirmations, and designed UI supporting dual gateway operations.

Valunova Medical Sales System: Designed database architecture for enterprise medical distribution managing relationships between device owners, distributors, and sales representatives. Implemented invoice generation, inventory tracking, sales reporting, and multi-level commissions with detailed ERD documentation.

Ski-Lift Status Bot (Japan): Built automated monitoring system scraping 5 Japanese ski resorts every 15–20 minutes using Dockerized Python. Implemented change-detection algorithms and integrated Telegram Bot API with OpenAI for contextual notifications about lift status and conditions.

Astrology Chatbot App: Developed cross-platform mobile app with conversational AI featuring Chat, Remedies, Compatibility Analysis, and Tutorial screens. Built Laravel backend with MVC architecture, database design, and API routing. Published on both app stores with positive user feedback.

BPMN Diagram Generator: Engineered AI-powered application converting text/audio input to BPMN diagrams. Implemented WebSocket text processing (200 words) and audio recording (2 minutes, WebM). Integrated OpenAI Whisper for speech-to-text and LLM for XML generation. Deployed with Docker/Docker Compose using tenant security for multi-user operations.

Face Shape Detection App: Built full-stack AI application for face detection with FastAPI and React. Implemented drag-and-drop image upload, camera capture, AWS S3 integration for hair suggestions with presigned URLs. Deployed on AWS EC2 with RDS database supporting accuracy reporting, recommendations, blog integration, and compliance pages.

Freelance Projects

Nose Shape Detection App

AI-powered web application classifying 12 nose shape categories with five analytical parameters (bridge width, flatness, tip rotation, tip shape, alar flare). Implemented dual image input with drag-and-drop uploader and live camera capture using FastAPI backend. Includes educational sections, policy pages, and regulatory guidelines.

Key Projects

Cine AI – Movie Recommendation Platform

AI-powered recommendation engine integrating TMDB API for movie listings with trailer autoplay. Implemented Firebase authentication, Redux memoization for optimized API calls, and intelligent recommendations using OpenAI API (4o-mini) with user-provided keys for secure processing. Added TMDB multi-language search and Open Graph social sharing.

Authentication System

Comprehensive authentication framework with email/password registration, OTP verification, password reset, and dual OAuth (Google/GitHub) integration. Implemented JWT token management with secure refresh logic and responsive interface with comprehensive error handling across authentication methods.

Custom Food Ordering Platform

Full-stack e-commerce application with Django REST backend, React frontend, Redux state management, and MySQL database. Integrated Razorpay payment gateway and built admin dashboard for order, user, and inventory management with role-based access control and dish customization.

Education

Bachelor of Engineering in Computer Engineering — Gandhinagar Institute Of Technology — *Graduated: 2024 — CGPA: 8.02*

Certifications & Achievements

- **Certifications:** Python Essential 1 & 2 (Cisco Networking Academy), Python 101 for Data Science (IBM)
- **Achievements:** Published 4+ apps on Google Play Store and Apple App Store; 40% website performance optimization; Enterprise-scale database architecture and ERD design; Real-time monitoring system with AI integration; Full-stack AWS cloud deployment