

VARADARAJ ACHARYA

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SOFTWARE DEVELOPER

Experienced in building web applications with React, Next.js and Angular and mobile applications with React Native (Android and iOS). Proficient in creating engaging user interfaces with web animations using Framer Motion and GSAP.

Knowledgeable in Firebase for backend services, AI implementations (OCR, automations), route optimization using OpenStreetMaps, Leaflet.js, and Mapbox. Experienced in integrating PhonePe, Razorpay, Google Meet and Bluetooth printers, and implementing PDF security using cryptographic techniques.

SKILLSET

REACT NATIVE

REACT JS

NEXT JS

NODE JS

ANGULAR

TYPESCRIPT

FIREBASE

PYTHON

AI MODELS

PROFESSIONAL EXPERIENCE

Junior Software Developer - Primesophic Technologies

July 2024 - Present

- Developed and maintained two mobile apps built in react native which is in production and serving more than 100 customers.
- Worked on upgradation of a legacy React Native application.
- Production websites using Angular, React.js.
- Direct APP integration of thermal bluetooth ESPOS printers.
- Phonepay, Razorpay, Mapbox, Leaflet.js integrations.
- Developed with Firebase, SQLite.
- AI-powered solutions within projects, including:
 - Smart OCR for a POS system.
 - Process automation to streamline workflows inside the app.
- Route optimization, improving efficiency for a system handling numerous daily routes.
- Web animations using Framer Motion and GSAP for the company website.
- Implemented PDF watermarking and verification, safeguarding sensitive documents within a system handling a substantial daily document flow.

Project Details

ORDO GSI APP

- Optimized data handling and route optimization for high performance across 50+ screens, even with more than 1000 records.
- State management using redux.
- Implementation of end to end logistics processes, from initial receiving to final delivery.
- Performance optimization.
- User friendly ui with react native paper & Android as well as ios versions update
- Playstore and Appstore deployment

ORDO GSI PORTAL

- Developed as an extension of the ORDO GSI App, providing a comprehensive admin panel for managing users, orders, and approvals.
- Optimized data handling and performance to support 100+ concurrent users and 1000+ records.
- Implemented features for order editing and approval workflows, streamlining operations.

ORDO POS APP

- Offline-first Point of Sale (POS) system, ORDO POS, from the ground up using React Native. Led front-end development and made key architectural decisions.
- Integrated Bluetooth ePOS thermal printer support, enabling direct receipt printing and reducing workload.
- Developed an AI-powered document scanning module using OCR to automate data extraction from purchase records (invoices, receipts). This reduced manual data entry by 40% and improved data accuracy by 25%. Designed the UI following Google's Material Design principles.

Web and Security Enhancements (React,Nextjs,Python)

- Led the front-end development for company website using React.js, incorporating dynamic animations with Framer Motion and GSAP to improve user experience.
- Developed a separate, standalone module for PDF encryption and decryption

Freelance Web Development Projects (Next.js,Node.js,Express.js,Firestore)

- Ayurveda Clinic Platform: Built a React.js,Node.js/express.js platform enabling online consultations (Google Meet API), secure payments (Razorpay API), and room booking, increasing online appointment bookings by 30%. Implemented a custom casesheet system, improving patient data management.
- Event Management Website: Developed a high-performance, animated Next.js website (GSAP) for a Bangalore-based event management firm.

EDUCATION

Bachelor of Computer Applications

Nov 2021 - July 2024

Mahatma Gandhi Memorial College - CGPA 9.2