

VIGNESHWARAN B

FULL-STACK ENGINEER

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 3+ years of experience building healthcare and care-sector platforms with React, Next.js, Django, Node.js, and PostgreSQL. Supports a live platform used by 50+ organizations and 2,000+ users, owning features from requirements to production deployment, leading Salesforce-to-platform data migrations with zero data loss, and resolving 150+ production issues. Works directly with Australian stakeholders. Previously shipped 4+ offline-first React Native apps for 2,000+ field technicians. A Master's in Medical & Psychiatric Social Work adds real understanding of the clinicians and clients who use healthcare software.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, SQL

Frontend: React, Next.js, Redux Toolkit, Context API, Tailwind CSS, Bootstrap, HTML5, CSS3

Backend: Django, Django ORM, Node.js, RESTful API design, Strapi (headless CMS), Firebase

Databases: PostgreSQL (schema design, query optimization, migrations), MySQL, SQLite

Testing & QA: Pytest, Playwright for Python (end-to-end browser automation), regression and smoke testing

Cloud & CI/CD: Microsoft Azure, Vercel, GitHub Actions

Mobile: React Native (CLI), AsyncStorage, Android Studio, Xcode, App Store & Play Store releases

Integrations: Salesforce (data migration & integration), Google Sheets API

Tools & Practices: Git, GitHub, Postman, pgAdmin, code review, data migration & validation, production support

PROFESSIONAL EXPERIENCE

Full-Stack Developer | Intergy Consulting, Australia (Remote)

Aug 2025 – Present

Stack: React, Next.js, Python, Django, Node.js, PostgreSQL, Strapi, Salesforce, Azure, GitHub Actions

- Maintain and extend a live care-sector support-worker allocation platform serving 50+ organizations, 300+ clinicians, and 2,000+ users, matching support workers to clients by skill, location, and availability.
- Took ownership of an inherited production codebase after a one-month handover; independently resolved 150+ production issues and ship hotfixes directly to the client, from code change to deployment.
- Removed the platform's dependency on Salesforce by rebuilding the core service-validation logic from scratch and moving live operations onto the in-house Django and PostgreSQL system.
- Led scripted data migrations of ~8,000 records to staging and ~14,000 to production, using a custom dry-run comparison script and 5+ validation stages to block duplicates, with zero data loss.
- Optimized PostgreSQL queries and API logic in the service-creation workflow, reducing a long-loading process to completion within seconds.
- Fixed a cross-timezone scheduling defect so appointments display in each service's own time zone rather than the viewer's device time.
- Work directly with Australian stakeholders every day on requirements gathering and live support, and partner with the client's Salesforce developer to plan and execute the migration.
- **Therapy-scheduling platform (React, Node.js):** resolved production bugs and built a feature that lets clients move into another therapy session even after their own session has started.
- **Online exam portal:** set up the initial code architecture and built the frontend over the first 6+ months, from project start through mid-phase, including automated grading and real-time results.

React Native Developer | Nanosoft Engineers Pvt Ltd, Coimbatore, India

May 2023 – Aug 2025

Stack: React Native, TypeScript, Redux Toolkit, SQLite, AsyncStorage, Firebase

- Delivered 4+ production mobile apps used by 2,000+ field technicians, with Redux Toolkit managing state across the app suite.
- Designed an offline-first sync architecture (SQLite, AsyncStorage, custom retry queues with exponential backoff), raising sync success in low-connectivity areas from ~30% to ~80%.
- Refactored legacy components and automated media compression, cutting UI latency by 30% and image payloads by 60%.
- Led 15+ Android and iOS releases through App Store and Play Store review cycles, including encrypted local storage and compliance checks.
- Also built a customer visit-management app (photo capture, signature pad, real-time sync) and a GPS-aware attendance app with QR check-in and offline logging.

PERSONAL PROJECTS

- Vaasi (Next.js, Django): online bookstore where users can buy a single book or a curated collection.
- Akam Psychiatric Care Center (Next.js, Google Sheets API): dynamic site where the admin updates projects, staff details, and content through Google Sheets, with no code changes.
- Computer Park (Next.js): business website for a corporate-gifting and printing company, built to expand its customer reach and structured to grow into e-commerce.

EDUCATION & CERTIFICATIONS

Master of Computer Applications (MCA), Online Bharathiar University, Coimbatore	2024 – 2027
MERN Stack Developer Certification N School Academy	2022 – 2023
Master of Social Work (Medical & Psychiatry) Bharathiar University, Coimbatore	2019 – 2021
BSc Physics Jamal Mohamed College of Arts and Science, Trichy	2016 – 2019

ADDITIONAL INFORMATION

- Mentored 2 junior developers, including regular code reviews of their work.
- Experienced working across India–Australia time zones; open to remote, hybrid, or on-site roles.