

Timothy Benjamin

Software Developer

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PROFESSIONAL SUMMARY

Software Developer with 2+ years of experience building web, mobile, and desktop applications, with 50+ projects delivered. Uses AI-assisted development tools to improve development speed, code quality, and iteration cycles. Focused on writing maintainable code and delivering reliable full-stack solutions using React, Next.js, TypeScript, Node.js, and Nest.js.

EXPERIENCE

Software Developer – Virtizo Software Pvt Ltd (Xoduswing)| Chennai

May 2025 – Present

- Contributed to the development of a healthcare platform delivered in two deployment models: a standard cloud-based web application and an enterprise setup used across multiple environments.
- Worked with the team to implement the standard version as a responsive web app using Supabase-backed services, supporting concurrent users and real-time data operations.
- Collaborated on designing the enterprise setup with separated frontend and backend services, along with desktop and mobile clients, improving operational flexibility by ~40%.
- Helped optimize API performance and reduce response times by ~30% through query improvements and structured data handling.

Junior Software Developer – DigiMent Research | Nagercoil

Feb 2024 – May 2025

- Contributed to building a data analysis tool that reduced manual effort by ~30% and improved turnaround time for processing datasets.
- Worked on a data entry system for handling structured outputs with validation, improving data consistency across records by ~25%.
- Collaborated on designing a connected workflow between analysis and entry tools, improving end-to-end data processing efficiency by ~30%.
- Supported optimization of data handling and processing logic, improving overall analysis accuracy and reducing errors in outputs.

TECHNICAL EXPERTISE

- Frontend:** React.js, Next.js, Astro.js, TanStack Start
- Mobile:** React Native, Expo
- Desktop:** Electron.js
- Backend:** Node.js, Express.js, Nest.js, GraphQL
- Databases:** PostgreSQL, MongoDB, MySQL, Supabase, Firebase
- Languages:** JavaScript, TypeScript, Java, Python, Ruby
- Tools:** Git, Postman, OpenAI, Figma, Cursor, Claude Code, Codex, Windsurf

SELECTED PROJECTS

IAMShield | Identity Provider (IdP) Platform

Technologies: React.js, Next.js, Expo, TypeScript, Quarkus, Java

- Built authentication and SSO workflows across multiple applications, supporting secure access for users across systems.
- Implemented OAuth flows and role-based access control, reducing authentication-related issues by ~30%.
- Used Cursor with Claude Code to speed up API integration, reducing development time for new integrations by ~25%.

Swent | Property Marketplace Platform

Technologies: Next.js, React.js, Express.js, TypeScript, Supabase, Tailwind CSS, Python

- Developed a property listing platform with search and filtering, supporting large sets of listings and user interactions.
- Built dashboards for managing properties and inquiries, improving response handling efficiency by ~30%.
- Implemented a Python backend largely generated using Cursor, with Codex used for review and Opus for iteration, reducing backend development time by ~40%.
- Ensured stability through testing, reducing runtime issues and improving reliability.

HMS | Hospital Management System

Technologies: TanStack Start, TypeScript, Electron.js, Expo, Nest.js, Next.js, PostgreSQL, Supabase

- Developed a system for managing hospital operations including patient data, billing, and scheduling workflows.
- Built both web and desktop applications, increasing accessibility across different environments.
- Implemented core features using Cursor with Opus support, reducing development time by ~35%.
- Designed the system for reuse across multiple deployments, reducing setup effort for new clients by ~30%.

LeXplor AI | Legal Analysis Platform

Technologies: Next.js, React.js, TypeScript, AI APIs, Python

- Built a platform for analyzing legal data and generating insights using AI workflows.
- Developed a real-time chat interface, improving user interaction speed and experience.
- Implemented a Python backend generated using Cursor, reducing development time by ~40% while maintaining tested reliability.
- Integrated Gemini and OpenAI APIs, improving response accuracy and coverage of legal queries.

EDUCATION

- **PGDE, Aerospace Engineering** - University of Manchester, England (2022–2023).
- **B.Tech, Aerospace Engineering** - Hindustan Institute of Technology and Science, Chennai (2018–2022).