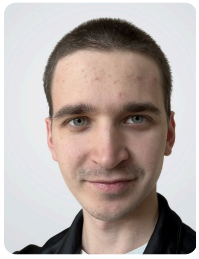
# Wiktor Majchrzak

Full-stack Engineer · React Native · React · TypeScript · Node.js


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**Available from January 2027 · Polish citizen, EU work rights · Warsaw or remote**



## Summary


Full-stack engineer with 4 years of commercial experience in TypeScript. For the last 2 years I have owned a production product end to end as the sole developer: a React Native and web app with a Node.js and PostgreSQL backend that moved a company of about 200 people from paper to digital. I build reusable modules, reduce tech debt as the product grows, deploy with Docker on Azure and Google Cloud Run, and use Claude Code every day with my own review of every change.


**4 years** in TypeScript · **Sole developer** of a production app · **~200 people** use it · **~100 documents** a week · **iOS, Android, web** from one codebase

## Skills

**Frontend:** React, TypeScript, JavaScript (ES6+), HTML, CSS, TanStack Query, TanStack Table, TanStack Form, Zod

**Testing:** Jest unit tests and end-to-end tests, run automatically in CI (in GigMission)

**AI-assisted development:** Claude Code at work, always with my own review of every change; set up AGENTS.md project instructions that guide AI coding agents through the GigMission codebase

**Backend & APIs:** Node.js, Fastify, Express, Prisma, PostgreSQL, MySQL, REST APIs, WebSockets, JWT auth

**Cloud & DevOps:** Google Cloud (Cloud Run), Microsoft Azure (App Service, PostgreSQL), Docker, docker-compose, GitHub Actions and PRs (CI/CD), Linux

**Mobile:** React Native, Expo, Expo Router, Tamagui, Swift/SwiftUI native modules, OTA updates, App Store release

**Graphics:** C++, Vulkan, DirectX, OpenGL, Metal (custom 2D engine)

## Experience

**Software Developer (React Native / Full-stack)** Dec 2024 – Dec 2026
Intra Managements · Baltimore, Maryland, USA

Sole developer of PCC Forms, the field operations and work order app for Precision Concrete Construction (PCC). Designed and built the whole system alone, from native iOS code to the backend and database.

- Owned the whole product, from talking with users to production: field crews and office staff told me where paper slowed them down, and I turned that into app workflows they use every day
- Moved the whole company from paper to digital: about 100 documents now go through the app every week, around 50 work orders, 20 equipment checklists and 30 safety documents
- Built the backend in TypeScript with Fastify, Prisma and PostgreSQL: REST APIs, WebSockets, JWT auth, permission rules, JSONB search and database migrations
- Built a cross-platform app (iOS, iPad, Android, web) with React Native, Expo Router and Tamagui, used by the whole company, about 200 people
- Ship in small, frequent changes: CI/CD with GitHub Actions builds Docker images and deploys the web app and API to Azure, and over-the-air updates reach phones without a store release
- Built reusable building blocks used across the app: multi-screen forms with TanStack Form and Zod, and data tables with TanStack Table (sorting, resizable columns, infinite scroll with TanStack Query)
- Reduced tech debt as the app grew: migrated every form from React Hook Form to TanStack Form, and kept the app up to date with new Expo SDK versions
- Wrote a native Swift/SwiftUI module (Expo Modules API): signature pad, PDFKit document viewer, full-screen image viewer and dialogs; fixed native UIKit crashes

- Released the app through private App Store distribution with company-only registration

**Software Developer, IT & AV Technician (on-campus role)** Dec 2022 – Dec 2024
Greater Grace World Outreach (GGWO) · Baltimore, Maryland, USA

Built and ran 4 internal React web apps with Node.js/Express, MySQL and WebSockets, used by campus staff:

- **Digital signage system:** manage screens across campus, with drag-and-drop playlists, video processing (FFmpeg) and image optimization, role-based permissions and live updates over WebSockets
- **Security office app:** officers file incident reports with digital signatures, exported as PDFs; also manages access codes and contact lists
- **Desk phone manager:** checks which IP desk phones are online and pushes XML screen templates to selected phones across the campus network
- **Live broadcast app (Grace Hour):** real-time caller queue and shared script editor for a live program, with a separate studio TV view
- Set up and managed the campus UniFi network of 250+ devices, and supported audio/video systems for campus events

## Projects

**GigMission · my own product** In development

- Cross-platform app (iOS, Android, web) for warehouses, vehicles and event crews: stock tracked per unit, event planning, crew and equipment booking
- Built with Expo, Fastify, Prisma, PostgreSQL and WebSockets, with Zod contracts shared by the app and the API; runs on Google Cloud Run with Docker
- Tested with Jest and end-to-end tests, with CI/CD on GitHub Actions

**Custom 2D game engine and mobile games** 2018 – 2022

- Built my own 2D game engine in C++ with custom Vulkan, DirectX, OpenGL and Metal rendering backends, and used it to make 2 mobile games published on Google Play and the App Store
- Handled the full release process on both stores: builds, signing, store listings, review and updates

## Education

**Maryland Bible College & Seminary** 2022 – 2026
Baltimore, Maryland, USA · Bachelor’s degree, Biblical studies

**Zespół Szkół nr 36 im. Marcina Kasprzaka (Technikum)** 2018 – 2022
Warsaw, Poland · IT program: programming, networking, computer systems

## Languages

**Polish** — native **English** — C1 (advanced), 4 years living and working in the US

*I agree to the processing of my personal data contained in this CV for the purpose of the recruitment process, in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 (GDPR).*