JACOB BENSON

Software Engineer · Full-Stack
TypeScript · React · Next.js · Node.js · PostgreSQL
Auburn, AL (US Central) · Remote · jacob@jbbenson.com · linkedin.com/in/jacobbenson · github.com/bensonbjacob

SUMMARY

Software engineer with eight years of building and shipping software. Builds full-stack TypeScript apps (React, Next.js, Node.js, PostgreSQL) end to end, from data model to production, and owns CI/CD and releases in the current role.

EXPERIENCE

Lead Software Engineer, XO Armor Technologies — Auburn, AL · Feb 2026 – Present

- Build the company's 3D design application (TypeScript, React, Electron, Three.js, GraphQL), taking a clinician from a patient scan to a print-ready orthotic in one tool.
- Built and run CI/CD pipelines (Docker, AWS) that test and ship each release, so releases are routine and predictable.
- Set up code review and QA so every change is tested before release, catching problems before customers see them.
- Lead the engineering team as its top code contributor, working with the product owner to scope and ship features.

Software Engineer, BC Stone Homes — Auburn, AL · Oct 2024 – Jan 2026

- Built internal web apps for the sales, project-management and office teams as the in-house software engineer (TypeScript, Next.js, React, Tailwind CSS, Docker).
- Worked directly with the people using each app to turn their requests into shipped features.

Development Lead, GameLab — Auburn, AL · Oct 2023 – Oct 2024

- Took over and owned the software that runs GameLab's gaming pods at military recreation centers and college campuses, from player sign-in to game launch (PHP, Laravel, Python, Vue.js, Docker, AWS).
- Built in-app hardware testing tools for field technicians, and ran the team's code reviews.

Service Manager, Eagle Imports — Auburn, AL · Feb 2020 – Jan 2022

Ran service and parts, and built the company website and the CRM the business ran on.

IT Manager, Fleet Management — Auburn, AL · Jul 2014 – May 2017

Reprogrammed card terminals to sell prepaid phone cards and installed them on site; built and ran the online store; installed GPS trackers and their tracking software on trucks and heavy equipment.

CNC Machinist, Seohan Auto USA — Auburn, AL · Jan 2011 – Oct 2012

Programmed and maintained six 5-axis CNC machines; the only machinist who zeroed the machines and adjusted programs when tooling or stock changed, keeping parts in spec.

Carpenter and Remodeling Contractor, Independent Contractor — Jan 2003 – Dec 2023

Carpentry, remodeling, electrical and service-call work for homeowners and business owners, between and alongside the jobs above; ran a cabinet shop. Spent over two years on electrical service calls and new installs for a licensed master electrician. Wrote JavaScript estimating calculators.

PROJECTS

Contingent (contingent.me): web app, open to the public, that texts and emails a user's contacts if they miss a check-in. Designed its REST API and PostgreSQL data model. Next.js, TypeScript, Stripe, Twilio.

Rainroute (rainroute.com): multi-tenant estimating and CRM software for gutter contractors, in an invite-only pilot. Next.js, PostgreSQL with row-level security, Stripe.

Sight Words: iOS reading app for kids, live on the App Store. Swift, SwiftUI, SwiftData, StoreKit 2.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python, PHP, Swift
Frontend: React, Next.js, Tailwind CSS, Vue.js, Electron, Three.js
Backend and data: Node.js, REST API design, GraphQL, PostgreSQL (Postgres), Supabase, Laravel, Stripe, Twilio
Infrastructure: Amazon Web Services (AWS), Docker, Linux servers, CI/CD pipelines, Cloudflare Workers, Git
Quality and delivery: code review, release management, unit, integration and end-to-end (E2E) testing, Playwright, Vitest, AI coding agents (Claude Code)

EDUCATION AND CERTIFICATIONS

B.S. Software Engineering, Western Governors University (2024) · AWS Certified Cloud Practitioner (2024) · Google Data Analytics Certificate (2022)