

Alan Mamulski

South Jordan, UT

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TECHNICAL SKILLS

- **Languages & Frameworks:** TypeScript, JavaScript, React, React Native, Node.js, Elixir, Phoenix, Python, SQL, HTML/CSS
- **Core Capabilities:** Full-Stack Development, REST & GraphQL APIs, Asynchronous Data Pipelines, State Management, UI/UX Components, Testing & CI/CD
- **Tools & Platforms:** Git, Webpack, Vercel, Supabase, Postgres, Docker, Jest, ExUnit, Tailwind CSS

PROFESSIONAL EXPERIENCE

Bill.com | Draper, Utah

Software Engineer II | September 2025 – Present

- **Feature Engineering:** Led development and backend API design for an automated receipt generation tool, turning raw payment processing data into user-friendly account management workflows.
- **Practical AI Integration:** Enhanced automated document recognition tools by integrating optical character recognition (OCR) and testing prompt improvements to increase text extraction accuracy.
- **Workflow Telemetry & Observability:** Added logging, health metrics, and performance tracking to internal data processing workflows to catch errors early and maintain reliability.
- **Security & Compliance:** Partnered with security teams to audit and safeguard user-facing input flows against common injection and data security vulnerabilities.
- **Code Base Modernization:** Refactored legacy modules in high-traffic features to improve application speed, maintainability, and resource efficiency.

Anglepoint | Lindon, Utah

Software Engineer L3 | October 2024 – September 2025

- **Full-Stack App Development:** Built and maintained full-stack web tools using Elixir backends and React frontends to help internal teams analyze software asset data.
- **Feature Planning:** Collaborated with non-technical stakeholders to turn business requests into clear technical requirements and flexible software logic.

Divvy / Bill.com | Draper, Utah

Software Engineer II | August 2023 – October 2024

- **Data Stream Processing:** Built data processing pipelines to clean, transform, and move incoming database updates into downstream application services without data loss.

- **Full-Stack Feature Delivery:** Worked directly with product managers and designers to build end-to-end features across web interfaces and backend services.
- **Webhook Integrations:** Built automated third-party data synchronization tools, achieving a 91% automated match rate for incoming transactional data.

Software Engineer I | *June 2022 – August 2023*

- **UI Modularization:** Maintained a modular React component setup to allow parallel development across multiple feature teams and speed up release cycles.
- **Customer Analytics:** Led frontend execution for a key user dashboard project, providing financial insights to the top 70% of platform users with zero critical bugs on launch.
- **Shared Design Systems:** Created reusable, accessible UI components for the core engineering design system to improve visual consistency across applications.

Software Engineer Intern / Associate | *January 2022 – June 2022*

- **Internship Conversion:** Completed software engineering internship and converted to a full-time engineering role after delivering key application features.

PROPRIETARY & FOUNDING PROJECTS

Homebaked (homebakedapp.com)

Co-Founder & Lead Engineer

- **Cross-Platform App Development:** Co-founded and launched a live web and iOS application powering local bakery storefronts, custom ordering, and customer communication.
- **Full-Stack & Mobile Architecture:** Built a unified backend API using Next.js and Supabase (Postgres) that serves both the web application and the native iOS app (React Native / Expo).
- **Automated Messaging & Payments:** Implemented automated customer notifications (Push, Email, SMS) and integrated Stripe Connect for order checkouts and seller payouts.

EDUCATION

Full-Stack Web Development Bootcamp | University of Utah (2021)