

EVAN HEISLER | Software Engineer

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Summary

Seasoned Software Engineer with 15+ years of experience designing scalable applications, leading cross-functional teams, and delivering innovative solutions. Proven track record in frontend, full-stack, and mobile development, leveraging technologies like React, Node.js, and cloud services to drive business success.

Skills

Technical

Frontend JavaScript/TypeScript, React, React Native, Expo, HTML/CSS, Tailwind, HTMX, CSS-in-JS

Backend Node.js, REST, GraphQL, Python, Express, Koa, Django, webhooks, websockets

CI/CD/DevOps Github Actions, Postman, Terraform, Docker

Testing/Tooling Jest, Vitest, MSW, Cypress, Detox, Maestro, Playwright, Pytest, EAS, Git, Figma, Storybook, Grafana, SumoLogic, Jira, Linear

Datastores PostgreSQL, DynamoDB, MongoDB, AsyncStorage, SQLite, IndexDB, Redis

Cloud Services AWS, Azure, Generative AI/UI with LLMs

Methodologies

Rapid Prototyping, User Experience Design & Information Architecture, Agile, Service-Oriented Architecture, Event-Driven Systems

Team Contributions

Excellent written and verbal communication, Mentor, Team Lead, Client Relations, Documentation, Backlog Management/Sprint Planning, Writing Acceptance Criteria, Developer Advocate, Process Improvement, Performance Metrics, Thrives in autonomous work environment

Experience Highlights

BIONIC HEALTH (JUL 2023 - PRESENT)

- Led frontend development of HIPAA compliant B2C application as well as internal admin application using Expo while maintaining feature parity across iOS, Android, and web
- Assisted with the design and development of Python REST API via Django and PostgreSQL with event-driven workflows via Azure Service Bus and webhook consumers for third party services
- Interfaced with many third party services and SDKs for realtime chat, wearable device integration, document generation, and purchases
- Orchestrated automated production deployment pipeline using Github Actions, Maestro E2E testing, and EAS to submit app store reviews across platforms and versions, including over-the-air updates to native apps reducing feature rollout lifecycle by 80%

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- Collaborated in the architecture of Azure/Kubernetes deployment servicing real-time person to person chat, AI Assistant chat trained on user FHIR data, ad hoc and scheduled push/email notifications, in-app purchases, program administration, health data ingestion (OCR, wearable, anecdotal) and insights
- Scaled to approximately \$250k ARR through premium subscriptions and in-app purchases using Stripe in first year despite geo-restriction due to practitioner licensing while also supporting freemium tier/feature set
- Mentored 2 Python engineers developing frontend skills in React, React Native, Node.js, and Typescript
- Architected modular and highly scalable monorepo delivering reusable node packages, hooks, datastores, and UI component library via Storybook with UI testing using Playwright to multiple projects increasing developer productivity and efficiency while enforcing convention over customization

LIFEOMIC (OCT 2020 – JUL 2023)

- Led development and launch of React Native B2C wellness application delivering time-based engagement activities with prerequisite business logic leveraging AWS SQS and cron schedules in asynchronous event-driven dataflow
- Built and scaled tens of AWS micro-services with Lambda, DynamoDB, Terraform, and Cloudwatch aiding in the continued development of a suite of products ranging from consumer-facing mobile applications to large-scale B2B ingest pipelines of health data
- Designed and built an analytics dashboard with Node.js and React for informing data-driven business decisions
- Aided the development of significant IP resulting in an acquisition in 2023

SOFTWARE FOR GOOD (2013-2020)

- Grew mission-based agency from 5 people to more than 20, primarily operating as staff augmentation for companies around the country and non-profit clients
- Early advocate for adoption of clientside frameworks starting with Meteor, Backbone, Angular, Ember, and React
- Developed many greenfield projects on React, REST, PostgreSQL, and headless CMS
- Defined and iterated on operational processes for managing lean, agile team working on multiple projects simultaneously

Additional Experience

- UX/UI Consultant 2011 - 2013
- Frontend Engineer, GoKart Labs 2009 - 2011
- Web Designer/Developer, Thorn Creative 2008 - 2009
- Communications Designer, Web Development, MN Sea Grant 2006 - 2008

Education

UNIVERSITY OF MN DULUTH, BACHELOR OF FINE ARTS, GRAPHIC DESIGN (2007)

- Followed core curriculum in a deep study of art & design
- Branched out into elective credits and independent study to explore web development
- Core member of Student Design Organization working with real clients and agencies
- Began working professionally as a designer/developer prior to graduating

Study Abroad Experience: University of Otago, New Zealand (2005)

- Study abroad experience with focus in design and technology