James Hrivnak
Fullstack Software Engineer

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Technical Skills

Frontend: TypeScript, React, Angular, Redux/Toolkit/Query, Next.js, Material UI (MUI), Complex Forms
Backend: Node.js, Python, Django, Event Driven Architecture, NGINX, GraphQL, RESTful API Development
DevOps: Docker, AWS CDK, IAM, DynamoDB, Lambda, ECS, Cognito, Route53, VPC, Harness, GitHub Actions
Testing: Postman, Artillery, New Relic, Jest, React Testing Library, Mocha, Chai

Professional Experience

airx health || Senior Frontend Engineer   **April 2024 - November 2025**

• Led frontend architecture decisions for pharmaceutical management platform, trusted with product direction and customer and investor satisfaction on 5-engineer team
• Built comprehensive UI component library from scratch leveraging Material UI, establishing consistent design system across application
• Engineered end-to-end Patient Scheduling Portal enabling pharmacy patients to book clinical billing appointments (vaccines, immunizations), integrating Django/Python backend with React/TypeScript frontend
• Implemented multiple vial label and receipt printing integrations using Electron app, Node.js WebSocket server, and Django backend
• Integrated Claude Code AI context files into frontend repository, improving development workflow and code quality
• Drove developer experience improvements: migrated from ESLint/Prettier to Biome, enhanced TypeScript usage, streamlined GitHub Actions workflows

United Airlines || Fullstack Software Engineer   **Feb 2022-Nov 2023**

• Built key features for UnitedView, business-facing application delivering real-time flight and event data analytics to operations teams
• Modernized frontend architecture by migrating from Create React App to Next.js and transitioning state management to Redux Toolkit Query
• Developed Email Subscription Server using Node.js and event-driven architecture to deliver real-time operational alerts to thousands of users
• Created CI/CD pipelines across four environments (dev, test, staging, production) using TeamCity, Harness, and GitHub Actions
• Implemented AWS infrastructure using CDK/CloudFormation for serverless deployments (Lambda, ECS, Fargate)
• Designed and executed disaster recovery strategies across multiple AWS environments

Galvanize || Software Engineering Immersive Resident   **October 2021 - March 2022**

• Assisted students on helpdesk tickets, providing technical insight and leadership

Selected Projects

Homebridge GE Appliances Plugin | Open Source Contributor   **February 2025**

• Extended existing Homebridge plugin to enable iPhone Home app control of GE Opal Ice Machine with night light toggle, ice production controls, scheduler, and ice limit features

lmkn.net | Software Engineer   **January 2024 - Present**

• Built real-time messaging application using AWS SNS/Pinpoint, Step Functions, DynamoDB, Next.js, and React enabling browser-based SMS functionality

Strava Top Times Generator | Software Engineer   **January 2021, November 2023 - April 2024**

• Developed application leveraging Strava API to analyze and display users' top athletic performance times with intuitive pagination and performance metrics

Education

Advanced Software Engineering Immersive Program   **July 2020 - July-2021, Remote**
Hack Reactor @ Galvanize

Bachelors in Communications- Advertising and Public Relations   **August 2009 - May 2013, Cleveland, Ohio**
Cleveland State University