davidpaulhunt@gmail.com
https://github.com/davidpaulhunt

David Hunt

Senior Software Engineer with 9 years of experience architecting and building full-stack applications and APIs using Node.js and Ruby on Rails.

Skills

JavaScript | TypeScript | Express | Fastify | React.js | React Native | Ruby | Ruby on Rails
HTML/CSS Node.js | AWS | CircleCI | Docker | SQL - PostgreSQL & MySQL | MongoDB
Redis | Graphql | Firebase

Experience

Senior Software Engineer @ Shopify | Remote

2022 - 2023

- Wrote performant scalable Ruby code for Shopify core, storefront, and Shopify Inbox
- Responsible for Web Pixels, a JavaScript runtime and API used by 3 million merchants and developers emitting billions of events per day to deliver Shopify first-party analytics and support a dozen large partners including Meta, Google, Snap, and TikTok
- Created GraphQL mutations to generate customer events shared between Shopify core and Shopify Inbox
- Ported portions of Shopify Inbox from JavaScript to TypeScript
- Authored technical proposals based on in-depth research and championed individual Shopify projects
- Led post-mortem meetings to generate action items for improving team processes and project management
- Mentored developers and Shopify interns, including one-on-ones, pairing sessions, and task delegation and review
- Developed features in React Native for the Shopify Inbox mobile app

Senior Software Engineer @ Complex Networks [Buzzfeed] | Remote

2020 - 2022

- Led the architectural design and development of the SoleCollector mobile app and the multiple APIs it consumes; serving 100k mobile users (Fastify)

- Ingested over 1 million product offers from more than a dozen external affiliate marketplaces, such as Reebok and StockX, via custom ETL processes; updating regularly every 1 to 24 hours
- Designed and maintained core relational data schemas across CRUD, admin, and eCommerce domains
- Wrote maintainable tests, technical documentation, architectural proposals, and API specs to guide feature development and promote team effectiveness

Senior Software Engineer @ Very | Remote

2018 - 2020

- Developed custom APIs, software, and workflows across multiple stacks using Ruby on Rails, Node.js, and AWS Lambda
- Built cross-platform mobile applications using React Native for iOS, Android, and Amazon Fire devices
- Developed Amazon Alexa Skills including a complex state system for extending Alexa phrase recognition
- Built web UIs according to design specs using React, HTML, SASS, and CSS-in-JS
- Deployed applications and services using AWS, Heroku, Docker, and Jenkins

Software Engineer @ Spire Labs | Chattanooga, TN

2015 - 2018

- Primary backend engineer across multiple applications and APIs built on Node.js and Ruby on Rails serving 50k users
- Designed and implemented a Redis-based membership cache across both Rails and Node.js that improved the performance and reliability of authorization
- Helped design and implement a real-time aggregation system that collected and exposed 20+ user-facing engagement metrics
- Wrote and maintained over 10,000 tests across multiple projects
- Developed a testable and consistent methodology for syncing user metrics across time zones and devices (iOS, Android, Fitbit, Jawbone)

Full-Stack Developer @ Iron Gaming | Chattanooga, TN

2014 - 2015

- Traveled with remote teams to build ad-hoc web applications in support of tournament operations

Passive Geolocation Operator @ Mission Essential | Augusta, GA

2013 - 2014

Signals Intelligence Analyst @ U.S. Army / NSA

2009 - 2013

Education

BS Technology Entrepreneurship Management

Arizona State University | 2018

Full-Stack (Ruby on Rails) Cohort

The Iron Yard | Atlanta, GA | 2014