

ANDREW DEFranco

andrew@defran.co
(415) 205-9401
Columbus, OH (Eastern Time)

Product-focused full-stack software engineer with 8+ years experience building scalable systems, developing delightful web and mobile experiences, and leading high-performing teams

Education

The Ohio State University
Columbus, OH
J.D., 2012

Oberlin College
Oberlin, OH
B.A., 2008

Skills

LANGUAGES

- Typescript
- Ruby
- Python
- Kotlin
- Elixir

NETWORKING

- REST
- GraphQL
- gRPC
- Websockets
- AMQP
- Kafka

DATABASES

- SQL
- Elastic search
- Schema Design

CLOUD

- Systems Architecture
- AWS
- Serverless
- Terraform
- Docker
- Kubernetes

WEB + MOBILE

- React & Redux
- iOS
- Android
- React Native

TOOLING

- Git
- Continuous Integration
- Agile
- Teststing

Lead Developer @ Enterprise Mobility

2023–2024

MARKET-LEADING RENTAL CAR COMPANY

- Headed a 10-developer team in greenfield rebuild of mobile apps for Enterprise Rent-a-car in React Native.
- Led evaluation and adoption of technical stack and defined coding standards
- Set team norms for cross-functional collaboration and engineering culture

Senior Developer @ Neeva

2022–2023

AI-POWERED STARTUP DISRUPTING WEB SEARCH

- Made and launched a proof-of-concept mobile search experience showcasing generative AI summaries of web results
- Maintained a customized fork of chromium and rapidly incorporated upstream changes (within a maximum of 30 days)

Lead Developer @ Stationhead

2017–2022

SOCIAL NETWORK CONNECTING MUSICIANS AND FANDOMS

- Architected tipping feature
 - Specified and implemented our first microservice, creating a scalable framework and practical blueprint for breaking apart our monolith
 - Automated integrations with In-App-Purchase and payments providers
 - Leveled up our application security to harden against session jacking, spoofing, and MITM attacks with per-request cryptographically signed payloads
 - Developed database infrastructure and schema for high availability and strong consistency
 - Designed processes, reports, and dashboards for human-in-the-loop actions
 - Product owner for feature-set and UI following a comprehensive review of the competitive landscape
- Founded and grew the Android App team
 - Created a custom reactive state-management framework reducing bugs by 80+%
 - Oversaw outsourced team and transitioned codebase to in-house development
 - Developed hiring process and technical assessment for Android roles
- Built and deployed back-end features
 - Optimized autoscaling infrastructure hosted on AWS using Terraform
 - Architected and made a load-testing system to stress-test our server infrastructure for stampeding heard scenarios
 - Planned schema, migrations, and ETL pipelines for SQL, Redis, and Elasticsearch databases
 - Designed and documented APIs using REST and WebSockets

Full Stack Developer @ Affinitiv

2016–2017

CRM SOFTWARE FOR CAR DEALERSHIPS

- Updated product to a modern and responsive web app written in React and Python and hosted on AWS
- Built secure third party integrations over HTTPS, SOAP, and AMQP
- Modernized 25-year old SQL database while maintaining backwards compatibility
- Created dashboards that intuitively visualized key business metrics using D3.js