Andrew DeFranco

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Columbus, OH (Eastern Time)

Product-focused full-stack software developer with 9+ 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
- Python
- Kotlin
- Elixir

AI
- LLMs
- RAG

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

DATABASES
- SQL
- Elastic search

CLOUD
- Systems Architecture
- AWS
- Serverless
- Docker
- Kubernetes

WEB + MOBILE
- React & Redux
- iOS + Android

TOOLING
- Git
- Continuous Integration
- Agile
- TDD
- Claude Code

Senior Developer @ Kyra Health — 2025
PRE-LAUNCH HEALTHCARE STARTUP PROVIDING ICHRA BENEFITS
- Built HIPAA-compliant LLM-powered tool for health plan discovery
- Scaled team productivity by enhancing the dev environment to support multiple independent, concurrent threads of AI code generation

Senior Developer @[Stealth Healthcare Startup] — 2024
DOUBLE-SIDED MARKETPLACE FOR IN-HOME COSMETIC TREATMENTS
- Developed appointment booking application using Next.js and React

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

Senior Developer @ Neeva — 2022–2023
AI-POWERED STARTUP DISRUPTING WEB SEARCH
- Launched a proof-of-concept mobile search experience featuring LLM summaries

Lead Developer @ Stationhead — 2017–2022
SOCIAL NETWORK CONNECTING MUSICIANS WITH FANDOMS
- Architected tipping feature
  - Planned 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

- 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

- Built and deployed back-end features
  - Optimized autoscaling infrastructure hosted on AWS using Terraform
  - Architected a load-testing system to stress-test 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