

Andre Davcev

Senior Frontend Developer

EXECUTIVE SUMMARY

Software Engineer with over 19 years of diverse development experience ranging from rich modern web and mobile user interface development to batch processing, data modeling, and middleware web services.

LANGUAGES / FRAMEWORKS

Languages: TypeScript, Java, Python

Front-End: Angular, Nrwl Nx

Frameworks: RxJS, NGXS, Ngrx, AngularFire, D3

Mobile: Ionic, Capacitor, Cordova

Middleware: Spring Boot, Fast API

Databases: Firestore, Oracle, Postgres

Design: Sketch, Figma

Methodologies: Agile, Scrum

COMPANIES

Theory Network, LLC

CEO and Founder

06/2015 – Current

Small LLC focusing on Hybrid Mobile App development. Released a working prototype of Firefly, an eventing app, to the Apple App Store which can be found [here](#). Built with Ionic, Angular, Nx, Capacitor, NGXS, and Firebase (Firestore, Messaging, Cloud Functions). See [here](#) for a short demo.

EDUCATION

Fredonia State University

B.S. Computer Science, Systems Software

Sept 2001 – May 2005

EXPERIENCE

United Airlines, Inc.

Senior Developer

12/2023 – Present

Lead Senior Developer tasked with moving an advanced prototype for generating Pilot Schedules to a production ready application for all pilots at United.

Achieved multiple large initiatives such as moving the architecture to an Nx Monorepo, migrating from Angular version 10 to 17 without incident, integrating state management inside the existing legacy code, generating build scripts, and implementing an OAM authentication solution on both the Angular and Java side.

Torqata (ATD)

Sr. Front-End Engineer

04/2021 – 10/2023

Worked as an Angular front-end lead for multiple Torqata tire data analytics products. These efforts culminated in being tasked to build out the front-end architecture for our flagship product called Market Insights which was able to achieve over 95% test coverage.

Self started a front-end guild at Torqata to tackle our front-end monorepo lagging 5 major versions. Through my leadership, we were able to achieve 3 major Nrwl Nx upgrades for over 10+ front end applications without incident. In addition, we completed all our normal sprint work without loss of velocity.

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Mindex

Full Stack Developer
10/2018 – 04/2021

Helped introduce the first Real Time Payments feature in the HR industry. We were lucky to be among 137 products to win the [2021 Big Innovation Award](#). Our architecture was built on top of Java, Spring Boot, Kafka, Docker and OpenShift.

As the lead UI Architect, I also upgraded the ACH and Real Time Payments UI to use a Nrwl Nx workspace, implemented state management via NGXS, and introduced many other Angular best practices.

EagleDream Technologies

Software Engineer
11/2014 – 10/2018

As the lead UI Architect, we created a health analytics dashboard from scratch using AngularJS and D3. It is used by many different hospitals and helped EagleDream Health be acquired by NextGen for [\\$26 million dollars](#).

Co-built an Angular admin dashboard for Constellation Brands wine & spirits division using NgRx and PrimeNG.

Migrated a tire inventory dashboard to Angular for Car-X using Angular Material and NGXS state management.

Windstream Communications

Application Programmer II
01/2011 – 11/2014

Implemented and maintained provisioning connectors for Oracle Identity Management (OIM). Also helped build a custom privileged access data collection tool in Java which aggregated and created reports for SOX databases, servers, Active Directory and AS400.

Paychex

Developer II
08/2005 – 12/2009

401k application development in the PowerBuilder HRIS product as well as batch processing in Pro*C and SQR reporting.