ANDREW LONSWAY

Software Engineer

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in alonsway

🧭 Noblesville, IN → Central CO

🏛 Purdue University - BS Computer Science 2018

CAREER OBJECTIVE

A well-rounded developer with embedded, web and mobile development experience. Experienced with implementing software design practices and applied agile development skills within a team.

Ready to take a technical responsibility and/or leadership in a team within the Central Colorado area, and continue to gain software development experience while providing value to a thriving professional environment.

SIDE PROJECTS / AWARDS

FX Circuitry for Costume Design

Raspberry Pi / **Linux** / **Arduino** / **C++** Prototyped circuit boards for servos, audio, lighting & custom 3D-printed designs

National Boy Scouts of America Eagle Scout

Awarded August, 2012

PROFESSIONAL EXPERIENCE

SEP - Westfield, IN

Senior Software Engineer (2023 - Current)

Leading client communication with product discovery and user story mapping, designing software systems and applications, providing technical direction, defining configuration management plans and practices

Projects:

- **React** / **GraphQL** / **TypeScript** / **Javascript** / **Shopify** Click & Collect Product Reservation and Pickup System
- **Android** / **C++** / **Linux** / **Docker** IoT Embedded Tablet Control Panel Application & OS Support
- **Xamarin** / **Android** / **iOS** / **.NET Core Web API** / **C#** IoT device management mobile app & cloud support

Software Engineer II (2020 - 2023)

Advanced software development, awareness and practice of agile practices, managed tech lead and spikes

Projects:

- **Xamarin** / **Android** / **iOS** / **C#** IoT device management mobile app
- **Xamarin** / **Android** / **iOS** Diabetes care app
- **Xamarin** → **MAUI** migration documentation & preparation

Software Engineer (2018 - 2020)

Designing, implementing and testing various software

Projects:

- **QT creator** / **C++** / **Linux Automotive** Tractor Firmware development, new feature implementation, testing & patches for large-scale embedded automotive software
- **C#/Unity Engine** & **Firebase** Integration Augmented Reality Prototype, internal collaboration tool & client prototype
- Varied Internal Web UI work, including but not limited to: **C#**, **F#**, **Python ASP.NET**, **Node**, **Javascript**, **Ruby**