

# Travis Luckenbaugh

Phone: (717) 858-5409  
E-Mail: [tluckenbaugh@gmail.com](mailto:tluckenbaugh@gmail.com)  
Web: <https://tl.neocities.org/>

## Summary

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Senior mobile developer with 18 years of experience architecting and delivering enterprise-scale applications. Specialized in front-end development with a proven track record of leading full-stack initiatives at Fortune 500 companies. Strong track record of elevating team performance through technical mentorship and creating efficient development workflows that optimize product delivery.

## Skills

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- **Native Front-End Development:** Swift, SwiftUI, Objective-C, React Native
- **Web-based Front-End Development:** React, ASP.NET, JavaScript / TypeScript
- **Backend:** .NET, Python, Java
- **Databases:** SQL Server, Oracle, DB2, SQLite
- **Miscellaneous:** CI/CD, Shellscript, Reporting (SSRS)

## Work History

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### Subaru of America

*Software Engineer, MySubaru Team*

[MySubaru on the App Store](#)

Jul 2022 - Jan 2025

Remote

- Modernized MySubaru mobile app to resolve technical debt, enabling rapid feature deployment for millions of daily users
- Architected and developed Apple Watch companion app enabling remote vehicle control features including lock, unlock, and engine start functionality
- Unified development approach across markets, significantly reducing time-to-market for new features and updates

### Pennsylvania Department of Transportation

*Architect, Mobile Team*

Mar 2015 - May 2022

Harrisburg, PA

- Built a series of applications to document and enable analysis for engineering and construction projects
- Updated existing iPad license application to support testing and training for Commercial Driver's Licenses
- Designed a process to track roadside maintenance activities including data entry, route tracking, approval for payment and chemical usage
- Coordinated efforts and built an application to meet legal mandates for environmental safety mentoring developers with the Department of Environmental Protection to help DEP run their own team
- Designed a process to track materials transported to a material testing lab, providing updates on transit and results of laboratory tests.

- Built map-based applications to manage and update inventory for large assets throughout the commonwealth
- Unified a set of complex paper forms for monitoring facilities into a mobile and web application
- Maintained a Continuous Integration pipeline to provide updated builds to remote testers.

## **Select Medical Corporation**

*Programmer/Analyst, Web-based Development*

Feb 2010 - Mar 2015  
Mechanicsburg, PA

- Designed and implemented a platform for bringing patients into our Inpatient facilities. Built an iPad application for field users to gather data and a web application for administration / task management.
- Created a series of applications (video capture, virtual tours of hospitals, document sharing and signature collection) for iPads designed to help educate future patients and sell them on our specialized care.
- Built a service to route appointment requests to from future patients to our 1000+ outpatient physical therapy clinics. Implemented a series of branded mobile web sites as part of a larger team to improve the volume of incoming requests.
- Maintained our intranet portal (CMS, executive dashboard, employee / facility information).
- Automated manual data entry processes to remove errors and ensure timely availability of data.

## **Joseph Machine Company**

*Programmer, Software Development Department*

Jun 2006 - Sep 2008  
Dillsburg, PA

- Updated existing machines to produce new parts without tool changes.
- Developed programs written for deployment on new machines according to CAD diagrams provided by customers.
- Added safety measures to existing and new machines to prevent injury.
- Implemented optimizations to reduce wasted scrap as parts were fabricated.

## **Education**

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### **ITT Technical Institute**

*Associates Degree in Software Application Programming*  
Graduated Highest Honors (3.96 GPA)

Jun 2004 - Sep 2006  
Mechanicsburg, PA