# Joey Petrone

**OutSystems Lead Developer | AI-Assisted and Agentic Development | C#/.NET | Full Stack**

Philadelphia, PA | 615-424-1799 | joey.petrone@gmail.com | linkedin.com/in/joeypetrone | joeydev.net | github.com/joeypetrone

## Summary

Lead software engineer with 5+ years building enterprise web and mobile applications on OutSystems, backed by full stack experience in C#/.NET, JavaScript, and SQL. OutSystems certified across Reactive, Front-end, Mobile, and Traditional Web development. As Lead Software Engineer at Wodify, led a team of four, owned features from the data model to the UI, and extended the platform with custom C#/.NET extensions. Uses AI-assisted development, including Claude with the OutSystems MCP Server, to read and update modules directly and ship faster.

## Certifications

- OutSystems Associate Reactive Developer
- OutSystems Associate Traditional Web Developer
- OutSystems Front-end Developer Specialist
- OutSystems Mobile Developer Specialist

## Core Skills

- OutSystems (Reactive, Mobile, Traditional Web) and custom extensions built in C#/.NET
- Front-end architecture in JavaScript and CSS, including themes
- Backend logic, SQL, and API integrations
- REST API integration and front-end listeners with Firestore, and large-scale data migration
- Engineering leadership and team delivery
- AI-assisted development with Claude Code and the OutSystems MCP Server

# Experience

## Lead Software Engineer, Wodify

Philadelphia, PA | January 2024 – November 2026

- Led AI-assisted development using Claude with the OutSystems MCP Server to read and update modules directly, breaking work into checklist artifacts and running planned sessions against them to ship features and refactors faster.
- Led a team of four engineers to rebuild Wodify's Quick View client and lead profile sidebar, turning a simplified version into a more robust, accessible feature across web and mobile.
- Built a barcode-based class sign-in system end to end, including bulk client barcode generation, single-barcode management with print-outs to spec, and a sign-in kiosk where clients scan their barcode to check in to the day's class.
- Developed a C#/.NET library in Visual Studio Code and packaged it as an OutSystems extension, letting members add their barcode to Apple Wallet and Google Wallet from the mobile app.
- Spotted that Drop In data wasn't centralized in a single table, then proposed and implemented a dedicated Drop In table, migrated the existing data, and built the front-end screens. Staff can now view Drop In profiles and convert Drop Ins to Leads from one place.
- Led the migration of Wodify's legacy CrossFit performance kiosk from Traditional to Reactive, a large effort because gym customers were deeply attached to the legacy kiosk.
- Worked on performance optimization for Wodify's External Apps.
- Planned and began the migration of the Invoice Detail screen from Traditional Web to Reactive.

## Software Engineer, Wodify

Philadelphia, PA | January 2023 – January 2024

- Migrated ~500M records from OutSystems to Firestore, merging each result's social data from DynamoDB, and built the front-end listener handling that drives real-time updates across the mobile and web apps.
- Built a migration timer and tested running multiple instances in parallel to cut migration times on a multi-day migration of one very large table.

### Mid Software Engineer, Cloud Development Resources

Remote | January 2022 – January 2023

- Built and maintained front-end architecture (themes, CSS, JavaScript) for enterprise OutSystems web applications for a client in the cell tower industry.
- Used OutSystems low-code development to speed up delivery while following secure and efficient architecture principles.
- Wrote SQL against a large database to pull data for new features and reports.

### Junior Software Engineer, Cloud Development Resources

Remote | April 2021 – January 2022

- Earned the OutSystems Associate Reactive Developer certification while building an internal resource management tool with a team of new engineers.
- Joined the client engagement in the cell tower industry and continued supporting it as a Mid Software Engineer.

### Earlier Experience

Freelance web development, survey CAD and field technician work, and photo editing for MTV Networks and CMT.com (2006 – 2021).

## Education

- **ITuP**, OutSystems Reactive Bootcamp
- **Nashville Software School**, Full-Stack Web Development (JavaScript, C#, .NET)
- **Nashville State Community College**, Associate of Science in Computer Science
- **Middle Tennessee State University**, Bachelor of Science in Mass Communication/Digital Media