

SAMUEL POWERS

SOFTWARE ENGINEER

Software engineer with experience building and supporting production-critical desktop and mobile systems in manufacturing environments. Strong background in C#, .NET, and hardware-software integration, with growing focus on DevOps practices including deployment automation, environment standardization, and system reliability. Proven ability to modernize legacy tooling, consolidate shared APIs, and improve operation stability across software and hardware boundaries.

EDUCATION

Maryville University

Master of Science –

Computer Science

GPA: 4.0

TECH SKILLS

C#, .NET, MAUI, XAML

Java, Swift, Objective-C

JavaScript, React

SQL Server, Data Access

API Development

Build & Release pipelines

Hardware-Software integration

EXPERIENCE

SOFTWARE ENGINEER – NIDEC MOTOR CORPORATION

2023-

- Primary engineer supporting End-Of-Line tester software and motor programming tools built with C#, .NET, and SQL Server.

- Design and maintain hardware communication APIs using serial and Bluetooth protocols for real-time motor interaction.

- Develop internal tools that support manufacturing, testing, and field service operations.

- Maintain and enhance mobile applications (Java and Swift) used by field technicians for configuration and diagnostics.

- Lead migration of native mobile applications to .NET MAUI on .NET 9, consolidating shared APIs across platforms

- Modernize deployment workflows and reduce programming time while improving reliability and scalability.

- Collaborate with manufacturing and firmware teams to improve build consistency, reliability, and system observability.

CONTACT

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SALES MANAGEMENT – SPRINT· BESTBUY· AT&T

2013-2023

- Led teams in high-availability, customer-facing environments with operational accountability

- Served as technical subject-matter expert for mobile platforms

- Created training documentation and implemented process improvements

- Acted as a liaison between technical systems and non-technical customers