

Matthew Opie

Maine (Remote)

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Summary

Experienced Full Stack Software Engineer seeking remote development position.

4 years professional development and software design experience:

Angular, C#/.NET, TypeScript/JavaScript, Python, SQL, HTML (HTML5), CSS3

- * Delivered multiple full features for company-leading profit center in HR/Tax/Payroll SaaS.
- * Lead spikes to boost product performance by reducing load times by as much as 90% using Datadog and SolarWinds.
- * Developed maintainable code with 95%+ test coverage using SOLID design principles.
- * Mentored Junior/Mid level developers on my team to ensure successful sprints.

Comfortable with Object Oriented languages (Java, C#), as well as lower-level languages (C, C++).

Experience



Software Developer II

Greenshades Software

Nov 2021 - Present (11 months +)

Developed and delivered multiple key features for Payroll SaaS web applications using Angular, C#, and SQL.

Lead performance spikes to improve product reliability and performance using Datadog, SolarWinds, and Splunk, reducing load times by as much as 90%.

Drove Greenfield frontend and backend development for primary profit center of the company, crafting SOLID, clean, maintainable, and self-documenting features using Agile methodologies in a CI/CD SDLC environment with 95%+ test code coverage.

Crafted, tested, and delivered business logic for retirement catch up codes relied upon by hundreds of employees.

Tools and libraries used: Azure DevOps, Postman, Splunk, Octopus Deploy, Visual Studio 2022, Visual Studio Code, Git, .NET Core, .NET Framework, C#, TypeScript, Angular, AngularJS, CSS, Swagger, Moq, FluentValidation, NUnit, Fiddler, Chrome DevTools, Datadog, SolarWinds, Tableau



Engineer 2, R&D

Johnson & Johnson Vision

Mar 2021 - Nov 2021 (9 months)

Leadership role in engineering and managing multiple \$80K to \$600K capital projects from funding request through system validation in Medical Device sector.

Wrote and executed formal test scripts and validation plans for FDA regulated systems. Performed Factory and Site acceptance testing and completed IQ/OQ/PQ for advanced R&D equipment used in clinical trials.

Co-inventor of novel machine vision techniques for the inspection of contact lens packages (US & international patents pending).

Implemented electromechanical and controls changes to improve daily production from 60,000 to over 120,000 parts while launching a state of the art R&D manufacturing line for new products.

Led international team to develop data collection and visualization systems using Tableau, SQL Server, and FactoryTalk Historian.



Associate Engineer

Johnson & Johnson Vision

May 2019 - Mar 2021 (1 year 11 months)



Jr. Electrical Engineer

Johnson & Johnson Vision

Aug 2018 - May 2019 (10 months)

Industrial hardware integration support, industrial machine vision, and software development.



Electrical Engineering Intern

Johnson & Johnson Vision

May 2018 - Aug 2018 (4 months)

Industrial automation, data optimization, system diagnostics, and software development.

Languages & technologies used: RsLogix5000/Studio5000, Python, C#/.NET 4.0, VBA



Electrical Engineering Intern

Andromeda Systems Incorporated

May 2017 - May 2018 (1 year 1 month)

Full stack software development, programming, and debugging for multiple proprietary industry solutions. Skills learned include Python development, sensor systems, MySQL, PHP, REST service development and interfacing directly with microprocessors and microcontrollers in a Linux environment.

Education



University of North Florida

Bachelor's of Science, Electrical Engineering

2017 - May 2019

Dean's List: Spring 2017, Spring 2018, Fall 2018, Spring 2019

Leadership experience as chair of UNF IEEE.

Okaloosa Walton Community College Collegiate High School

Associate of Arts (A.A.), General

Graduated High School with Associate's Degree

Licenses & Certifications



FPX Certification - Johnson & Johnson

Skills

Programming • Angular • TypeScript • Python (Programming Language) • C# • Azure DevOps • Git • Representational State Transfer (REST) • API Development • JavaScript

Honors & Awards



Inspire Award - Johnson & Johnson Vision

Jul 2020

Internal company award given for key contributions to critical projects.



Inspire Award - Johnson & Johnson Vision

May 2020

Internal company award given for key contributions to critical projects.

Interdisciplinary Engineering - Best Senior Capstone Project - College of Computing, Engineering, and Construction

Apr 2019

The Automated Cutting System built on behalf of Polyhistor International, Inc. by a team of six senior engineering students won the award for best overall electro-mechanical engineering project for the University of North Florida in 2019.