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Professional Summary

Full Stack Software Engineer with 8+ years of experience building scalable, secure, and maintainable web and desktop applications. Skilled in object-oriented programming, data structures, and algorithm design, with a focus on clean architecture, cloud-native development (Azure), and CI/CD practices. Proven success delivering high-quality software in Agile environments across healthcare, finance, and defense sectors. Additional experience in test automation and quality assurance.

Technical Skills

- **Languages:** C#, Python, JavaScript, SQL, HTML, CSS
 - **Frameworks/Libraries:** React, Node.js, ASP.NET, Blazor, AngularJS, REST APIs, MVVM, WPF, WinForms
 - **Databases:** PostgreSQL, SQL Server, Azure Cosmos DB
 - **Cloud/DevOps:** Azure, Azure DevOps, GitHub Actions, CI/CD
 - **Tools:** Git, Docker, Jira, Visual Studio, VS Code
 - **Testing/Other:** Unit Testing, Integration Testing, Test Automation: Selenium, Jest, Cypress
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Professional Experience Insight Global (Contract) — *Software Engineer*

Oct 2024 – Feb 2025

- Developed/Maintained dynamic web pages using React, JavaScript, Node.js, and ExpressJS, using PostgreSQL as its database.
- Brought prior full-stack perspective (including C#/.NET background) to UI component design, focusing on clarity, reusability, and integration readiness.
- Built automated test suites using Jest (unit) and Cypress (end-to-end).
- Utilized GitLab and participated in Agile sprints with Atlassian Jira.

Cloud Wave / Sensato — *Software Engineer*

Jul 2022 – Apr 2024

- Delivered full-stack apps using ASP.NET Core and React in a cybersecurity setting.
- Created/maintained Python applications for network monitoring of hospital infrastructure to save hours of manual observation of security risks.
- Worked with cloud-native apps such as Azure Functions and Cosmos DB.
- Integrated external REST APIs and led mentoring efforts for junior developers.

The JAAW Group — *Software Developer* Sep

2021 – Jun 2022

- Built a Blazor web portal with ASP.NET Core and SQL Server to ensure consistent code reviews and time to check other code requirements.
- Wrote Python scripts to automate IT and data tasks to save hours of manual steps.
- Led QA test automation for internal tools to save days of testing time.
- Designed Azure DevOps CI/CD pipelines using YAML.

SS&C Technologies — *Software Developer*

Nov 2018 – May 2021

- Contributed to an ASP.NET MVC application using C#, React, and SQL Server.
- Developed RESTful APIs and contributed to modular service architecture.
- Built automated test tools in Python for regression testing to save days of manual testing time.
- Enhanced a C# WPF app by implementing MVVM for better maintainability.

Collabra Solutions (Contract) — *Software Developer in Test* Jan

2018 – Oct 2018

- Created a WinForms-based test automation tool in C# to save days of repetitive manual testing.
- Developed an AngularJS dashboard to visualize testing metrics to show how testing is progressing to management.
- Championed QA automation practices to accelerate test cycles.

Motorola Solutions — *Software Engineer in Test* Sep

2015 – Dec 2017

- Built a C# WPF MVVM application for remote software deployment, cutting delivery time and manual errors.
- Contributed to internal testing tools and automation infrastructure.

Education University of Oxford

MSc in Computation (Computer Science-related) — Oxford, England

University of Wisconsin–Parkside

BSc in Physics (Computational Physics Track) — Kenosha, WI

Highlights

- 8 years of C# | 3+ years React | 3+ years Python | 2+ years Azure
- Led QA automation initiatives and mentored junior engineers
- Designed scalable REST APIs and modular front-end apps
- Experience across defense, healthcare, and financial tech industries
- 2+ years of experience architecting new applications
- Familiar with Go, Java, C/C++