

Dustin Conlon

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Summary

Senior Software Developer with 10+ years of extensive experience writing code, developing and maintaining various cloud microservices, and configuring and monitoring CI/CD pipelines. Expert in React, React Native, JavaScript, TypeScript, .NET C#, CSS/SASS, HTML, and Docker. Enterprise knowledge with Agile methodologies, code reviews, building Service-Oriented Architecture, RESTful API design, Entity Framework, and NoSQL databases (MongoDB, CosmosDB). Very capable of working both independently and collaborating with teams of varying disciplines. Proven track record of enhancing application performance, improving database query performance by up to 80%, reducing overhead costs by up to 60%, and ensuring seamless integration of partitioned microservices.

Professional Experience

Freelance - Software Developer & Cloud Architect Consultant

Colorado Springs, CO

March 2015 to Present

- Developed high-performance, low maintenance applications in C# and .NET Framework and Core 6, 7, and 8.
- Created numerous responsive web applications for accessibility and mobile access using React Native, SASS, and TypeScript.
- Designed a fully accessible web dashboard for use in an enterprise environment to enable blind, deaf, and kinetically disabled persons to perform business activities, increasing productivity by over 80% for those individuals.
- Provided comprehensive cloud consulting services regarding implementation, cost mitigation, and disaster recovery for Microsoft Azure and Google Cloud Platform (GCP), typically reducing costs by between 40% and 75%.
- Implemented various database integrations from PostgreSQL to MongoDB.
- Developed mobile-first web applications in React Native, Angular, and Blazor.
- Wrote custom library integrations to improve accessibility amongst code imports.
- Awarded "*Quiet Impact Award*" for providing expert development consulting services as a last-minute contractor on a high-stakes, private-sector project.

Canon Business Process Services - Senior Full Stack DevOps Engineer

Remote - Colorado Springs, CO

May 2021 – May 2025

- Developed and maintained an Enterprise-grade, service-oriented architecture hosted entirely within Azure, written in .NET Core C#.
- Developed a custom algorithm for analyzing incoming documents using Python and Pandas, decreasing processing time by 110%
- Wrote custom Digital Transformation tools utilizing OCR and a custom-trained LLM to digitize physical documents as a collection of Azure cloud microservices.
- Worked in a highly dynamic agile team, performing daily code reviews, mentoring, and collaboration tasks.
- Performed complex technical writing regarding new project setup, handling of company codebase requirements, and improving new-hire understanding of company products.

Sundown Solutions - Software Engineer & Cloud Solutions Engineer

Remote - Colorado Springs, CO

July 2020 – March 2021

- Utilized Agile development methodologies to perform multiple daily code reviews, reducing code vulnerabilities by 40%.
- Built and maintained various Azure Storage, Containers, and Networking solutions for company clients via direct communication.

- Owned various full-stack development applications, including data access, logic, and user-facing endpoints.

Tek Experts - Support Engineer & Subject Matter Expert

Colorado Springs, CO

September 2017 - July 2020

- Performed critical severity support for Fortune 500 companies as a Platinum-level Microsoft contractor for Office 365, Exchange Online, Exchange On-Prem, and Active Directory products.
 - Created an internal knowledge base of common problems and technical solutions written and implemented as a WPF C# desktop application, reducing case resolution by 35% and onboarding training time by 30%.
 - Worked directly with the Software Engineering team of supported products to create bug reports and perform live debugging in client environments.
 - Collaborated directly with Microsoft-certified trainers to provide in-classroom case management processes and examples.
 - Wrote detailed case notes regarding encountered issue and provided resolution steps for all-hours case handovers.
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Education

98 Credits toward B.S. in Computer Science

B.S. Computer Science, University of Colorado - Colorado Springs, CO

Certification - Azure Fundamentals, Microsoft (Pearson Vue)

Coursework completed - Exam pending

Certification - Certified Kubernetes Administrator (CKA), Linux Foundation

Coursework completed - Exam pending

Technical Skills

• Languages & Frameworks:

React.js, Python, C# (.NET), Rust, CosmosDB, API Development

• Cloud & DevOps:

Microsoft Azure, Azure Monitoring & Analytics, Azure DevOps, Docker & Kubernetes, Jenkins, GitHub Actions, Terraform, Active Directory & Microsoft Entra

• Testing & Tools:

Jest, React Testing Library, Postman, Moq, NUnit