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Summary

DevOps-Focused Full Stack Developer with 10+ years of experience in Software, E-Commerce, and Cloud. Proud father and dedicated leader, driving projects with Agile methodologies, ownership, and mentoring. Passionate about collaboration, accountability, and fostering a growth mindset in junior developers.

Experience



DevOps Consultant - Software Engineer

Radfab

Mar 2023 - Jul 2024 (1 year 5 months)

- + Developed a RESTful API with domain-driven design in Node.js, hosted on AWS Lambda, for Amazon Prime Video and Bethesda during the Fallout TV series launch. Integrated an on-prem MongoDB server for leaderboard management, engaging over 5,000 users at the 2023 Brazilian Comic-Con CCXP,.
- + Led the execution of high-scalability projects requiring real-time data processing, utilizing AWS Kinesis for data streaming and AWS Cloudwatch for managing significant user traffic and engagement.
- + Collaborated on diverse web development projects, including e-commerce sites and single-page applications, using a mix of technologies hosted on AWS cloudformation to deploy both frontend services and backend services in docker containers with AWS EKS kubernetes.
- + Gathered and analyzed business requirements in an Agile environment with close collaboration of project stakeholders, leading to the successful delivery of high-impact software solutions, with project management facilitated through Jira and salesforce.
- + Developed custom backend solutions in .NET for Lionsgate's Sisu 2023 movie project, implementing Azure Cosmos DB for robust data management and user interactions. The project earned a Bronze Clios Award in 2023.



Senior Software Engineer

CarParts.com

Sep 2021 - Mar 2023 (1 year 7 months)

- + Led the modernization of authentication systems by integrating Azure AD with Okta, standardizing deployments across hundreds of repositories and enhancing security, with automated deployments managed through jenkins AWS ECS and Azure DevOps to connect authentication to our deployments.
- + Developed a full-stack application with React and Redux, hosted on AWS Lambda, improving vendor interaction through drag-and-drop media uploads, with data storage and retrieval managed via Atlas MongoDB.
- + Improved product catalog management with real-time data accuracy using WebSockets and Node microservices, leveraging Apache Kafka within a scalable microservice architecture hosted on AWS Lambda.
- + Pioneered a Node API microservice with MongoDB, hosted on AWS EC2, delivering a self-service experience for over 32,000 customers to install parts at partner mechanic shops, with secure access managed by API Gateway.

- + Implemented a unified package template with Lerna to streamline microservice integration and developer coordination across time zones, with CI/CD pipelines managed on Gitlab and code reviews ensuring efficient and collaborative development.

Lead Software Developer - DevOps

Ethika, Inc.

Apr 2018 - Sep 2021 (3 years 6 months)

- + Integrated Quality Engineering standards into the SDLC and implemented CI/CD pipelines using AWS CodePipeline, significantly improving QA processes and ensuring test-driven development across the team.
- + Transitioned the website to a Single Page Application (SPA) using Vue.js, deploying it on AWS S3 and CloudFront for scalable and secure content delivery, which enhanced performance and user engagement.
- + Led the refactoring of major projects, including a complete overhaul of the Orders and Shipping systems, leveraging AWS Lambda for serverless architecture and API Gateway for API management, resulting in a more efficient backend infrastructure.
- + Launched a React-Native app with seamless backend integration using AWS Lambda, implementing Cypress.js for automated testing and AWS CloudWatch for real-time monitoring, thereby enhancing mobile user experience and operational reliability.
- + Managed and optimized MongoDB on AWS EC2 for scalable data storage, while implementing comprehensive End-to-End Testing protocols with 100% unit test coverage, using AWS S3 for storage and AWS Athena for analysis, reinforcing a culture of quality and continuous improvement.

Lead Software Developer

Utelogy Corporation

Nov 2016 - Apr 2018 (1 year 6 months)

- + Developed U-Control, a C# and .NET-based framework for customizable GUIs in AV/IoT applications, hosted on Azure App Services and Virtual Machines, enabling users to control their devices through a WCF UI, significantly improving user interaction and solution implementation.
- + Architected a component-based frontend using Javascript ES6, hosted on Azure Static Web Apps, which provided IT professionals with critical insights, leading to adoption by over 300 schools in Southern California.
- + Enhanced real-time communication and scalability across devices using KnockoutJs, WebSocket sessions, and Azure SignalR, resulting in improved software responsiveness and adaptability.
- + Integrated system monitoring and analytics using Azure Monitor and D3 v4 for data visualization, deploying insights on Azure Dashboards for centralized and actionable data interfaces.
- + Leveraged Azure DevOps for CI/CD pipelines, utilizing powershell scripting for infrastructure automation and managing cloud databases with Azure SQL, streamlining full-stack development processes and enhancing operational efficiency through automated deployments on Azure Virtual Machines.



Senior Software Developer Consultant

Self Employed Freelance Web Developer

Sep 2009 - Jun 2016 (6 years 10 months)

- + Communicated with clients to drive growth by leveraging new technologies, such as Redis caching strategies, deployed on AWS EC2 and AWS Cloudfront with Load Balancing, improving competitive advantage and operational efficiency.

- + Engaged in versatile web development projects, including e-commerce platforms and single-page applications, utilizing a wide array of technologies, with deployments on AWS and Azure.
- + Crafted integrations with client software products, automating deployments through early versions of AWS CloudFormation and managing resources effectively within Amazon Web Services.
- + Developed and maintained scalable web applications for healthcare and mental health organizations, such as SCFHC and Akua Mind & Body, ensuring reliable access to services across multiple locations, with hosting on AWS EC2, Elastic Beanstalk.
- + Implemented and optimized .NET-based platforms for healthcare management at Prospect Medical Systems, utilizing early Azure SQL Database for data management and reporting, enhancing coordinated care across a network of hospitals and medical groups.

Education



Saddleback College

Certificate of Completion, WEB AND MOBILE DEVELOPER BOOTCAMP

2015 - 2015

- + Implemented fundamental SQL queries, including single table queries, data sorting, and updating operations.
- + Analyzed and optimized database components such as indexes, triggers, and constraints. Designed and built a responsive website using Adobe Dreamweaver, incorporating HTML tags, CSS code, JavaScript, multimedia elements, and Microsoft Word integration, with support for both desktop and mobile devices.



University High Irvine

2004 - 2009

- + Served as Vice President of the Student Council, leading initiatives and representing student interests.
- + Played soccer and varsity lacrosse, demonstrating commitment and teamwork.

Licenses & Certifications



Top 10% in JS - TestDome

zu49cux5s4



Certificate of Course Completion for MongoDB

Skills

Azure DevOps Server • Solution Architecture • Amazon Web Services (AWS) • Azure Cosmos DB • AWS CloudFormation • .NET Framework • C# • Node.js in Azure • JavaScript Frameworks • PHP

Honors & Awards



Bronze Winner for Original Games - Clios: The Marketing Club

Dec 2023

Clio Entertainment Bronze-winning entry, titled 'Sisu,' was created for LIONSGATE and featured an interactive Minesweeper game with a leaderboard.