LAURANCE WALDEN

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Summary:

Highly accomplished Senior Backend .NET Engineer and Tech Lead with eleven years of experience in enterprise software development, specializing in building high-performance, scalable, and resilient backend solutions utilizing C#, .NET, and Microsoft Azure cloud services. Proven ability to architect, implement, and optimize complex server-side systems, complemented by strong full-stack capabilities for end-to-end project ownership and delivery.

Technical Skills:

- **Languages**: C#, Javascript, Typescript, SQL, Powershell
- **Backend**: Azure, .NET Core, .NET Framework, Entity Framework, MVC, WebAPI, REST, Webhooks
- **Azure**: Functions, Service Bus, CosmosDB, API Gateway, WebAPI, Key Vault, Entra, Event Grid, Application Insights,.
- **Frontend**: VueJS, AngularJS, HTML, CSS, SASS, Webpack, Razor
- **Database**: MS SQL, CosmosDB, RavenDB
- **Deployment, Versioning, Production Support**: CI/CD, Git, GitHub, Azure DevOps, Azure Portal, Azure Entra, Docker, OpsGenie, Site 24X7, Jira, Confluence, Swagger
- **Security**: Authentication, Authorization, Encryption (in transit & at rest), OAuth, OWASP.
- **Testing**: XUnit, NUnit, FluentAssertions, FakeItEasy, Karma, Jasmine, Moq, Postman

Professional Experience:

Columbia Sportswear - Portland, OR / Remote
Senior Software Development Engineer / Tech Lead 11/2023 – Current

- Promoted to tech lead after six months, responsible for solution design and documentation, as well as partnering with other developers on implementation, deployment, and support.
- Responsible for integrating digital media assets such as images and video with multiple internal and external systems via APIs, azure functions, runbooks, cosmos db, and service bus topics and subscriptions.
- Improved a multi-step workflow processing time by 96% (from 6 minutes to 12 seconds) and reduced monthly CosmosDB costs by 40% by refactoring code, handling third party throttling, and optimizing Azure Functions, APIs, and queues.
- Refactored a highly unreliable key system, eliminating daily manual engineering work to reprocess failed messages and dramatically increasing reliability for consuming partners. Failed transactions reduced from an average of 2000 per day to under 1 per day. Daily batch processing time reduced from several hours to minutes.

- Led the design and implementation of a new automation system, eliminating over 1,000 hours of annual manual work for the Photo Studio and significantly boosting productivity.
- Interviewed software developer and QA candidates.

Sterling Talent Solutions - Portland, OR / Remote
Senior Software Development Engineer II 07-2023 – 11/2023 (Promoted)
Senior Software Development Engineer 10/2021 – 07/2023 (Promoted)
Software Development Engineer III 10/2019 – 10/2021

- Back-end development of both CRUD and CQRS based SaaS solutions using .NET C#, MS SQL, CosmosDB, RavenDB, and Azure Cloud Services, employing Azure DevOps for seamless deployment.
- Spearheaded front-end development with VueJS, AngularJS, Typescript, JavaScript, CSS, SASS, HTML, Webpack, and Razor, enhancing user interfaces.
- Developed, maintained, and deployed multiple critical SaaS applications, ensuring compliance with highly regulated data standards, compatibility with multiple partner systems, and system resiliency.
- Acted as a Subject Matter Expert for key systems and provided valuable insights on UI/UX enhancements.
- Designed, developed, and documented Web APIs, Azure Functions, web portals, queues, and other microservices.
- Diagnosed and resolved production, UAT, and integration environment issues and defects, maintaining product integrity.
- Conducted candidate interviews and mentored new hires, contributing to team growth and experience.

SureID Inc. – Hillsboro, OR
Software Development Engineer 01/2016 – 10/2019 (Promoted)
Jr. Software Development Engineer 06-2014 – 01/2016

- Engineered and maintained robust backend functionality, including Web APIs and code-first relational database models, and event-driven work flows utilizing .NET Framework, MS SQL, Azure Functions, Queues, and Key Vault..
- Led Front-end development utilizing AngularJS, Typescript, JavaScript, CSS/SASS, HTML, and ASP.NET Razor, creating responsive layouts, and reusable components.
- Conducted research spikes, documented findings, and presented proofs of concept, contributing to informed decision making.
- Delivered engaging demos to engineering and business stakeholders.

- Pioneered core front-end patterns used across multiple solutions and introduced Typescript to the development team, establishing front-end coding standards.
- Set up an AngularJS unit testing pattern for the development team, ensuring code quality.

Education and Certifications:

- *Certified Scrum Master*, Scrum Alliance - 2020
- *Coder Camps*, Houston, TX - 2014
    - Completed a full stack development course with a focus on C#, SQL, JavaScript, and AngularJS.