# Resume

**Jeff Bailey**

## Summary

Principal Software Engineer with 20+ years of experience building web applications and databases on numerous platforms. Proven ability to build custom software solutions for an array of diverse industries. Adept at translating business requirements into real-world, reliable, and intuitive solutions.

## Contact

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## Technologies/Certifications

Web Applications, Databases, Web Services, REST, Agile Methodologies, Scrum, SQL, T-SQL, C#, Java, JavaScript, Bash, Amazon Web Services (AWS), HTML, React, Database Design, Linux & Windows, SQL Server, Mysql, PostgreSQL, ASP.NET, Apache, IIS

## Certifications

[AWS Developer Associate and Solution Architect](#)

# Professional Experience

**Nike** August 2019 – Present

## *Principal Software Engineer*

- Leadership role in crafting world-class solutions for a world-class company
- Winning as a team with amazing people
- Pushing the team to do great things on a daily basis

**Axian** January 2017 – August 2019

## *Lead Software Consultant*

Development of varied solutions such as software features, data integrations, and backend services

**For Client Nike** July 2018 – August 2019

- Contributed to successful launches of new microservices for the customization domain

- Researched and implemented best practices for microservices in spring boot
- Assisted with maintenance and migration of legacy services
- Reinforced and expanded documentation for cloud services

**Environment:** Java, Microservices, Spring Boot, AWS DynamoDB, AWS EC2

**For Client First Pacific** February 2018 & June 2018 – July 2018

- Created baseline code and documentation for SQL Server Data Access, Azure Service Bus, ASP.NET Web API, Azure Function, and Azure ARM template
- Installed the open-source Open Dental product and created a basic plugin implementation
- Extended the Open Dental plugin to include Entity Sync capabilities to and from a dental practice

**Environment:** Asp.Net Webforms, Asp.Net MVC WebApi, SQL Azure, Azure Service Bus, Azure Functions, MySql

**For Client Viewpoint** March 2018 – June 2018

- Contributed to significant bug count reduction
- Maintained and extended backend SQL stored procedures and SOAP services
- Developed new REST endpoints in ASP.NET MVC API
- Maintained Angular 6 front-end code
- Significantly reduced legacy code to improve the ongoing maintenance experience

**Environment:** Asp.Net Webforms, Asp.Net MVC WebApi, SQL Server

**For Client LegitScript** October 2018 – February 2018

- Developed an AWS CodePipeline for a NodeJS backend using the Serverless framework
- Developed REST endpoints using Typescript within the AWS Serverless Function environment
- Developed Angular 5 frontend code that consumed the Serverless REST endpoints
- Created a Salesforce DX Application that handled initial creation of base Salesforce sandbox assets

**Environment:** Javascript, Nodejs, Angular, AWS Lambda, AWS CodePipeline, Salesforce

**For Client Beaverton School District**

- Maintenance of content management system for school system learning content
- Implementation of integration with the Canvas learning management system
- Developed new features and assisted with paying down technical debt on the legacy system

**Environment:** C#, Asp.Net WebApi, SQL Server, Ruby on Rails, Docker, AWS

**For Client ARRIS** March 2017 – July 2017

- Maintenance and enhancement of a microservice used for user identity management
- Assisted with migration from DocDB to a SQL Azure backend
- Enhanced desktop user interface for managing user records through the user identity management API
- Researched and implemented a web application integrated business intelligence solution

**Environment:** C#, Asp.Net WebApi, DocDB, SQL Server, Powershell

**For Client Nike** January 2017 — March 2017 (Manager: Kirk Hole)

- Developed a micro-service used for user identity management

**Environment:** Java, Spark Framework, Hibernate, and Gradle

**Evoque Consulting** November 2015 — December 2016

### Senior Software Engineer

- Development of varied solutions such as software features, data integrations, and data imports
- Successfully set up technological infrastructure including network, directory services, and internet presence
- Development of a generic ETL framework alongside the CTO
- Provided estimates and organized work for complicated

integrations and imports for high-end clients

**Environment:** C#, Asp.Net MVC & Webforms, MSSQL, T-SQL, JavaScript, CSS, HTML5, Windows Server 2008/2014

**FilmTrack Inc.** February 2012 — November 2015

*Lead Web Application Engineer*

- Screened and interviewed new software development personnel
- Development and maintenance of industry-leading Media & Entertainment solutions
- Migration of Asp.Net Webforms projects to Asp.Net MVC
- Migration of legacy data access layer to entity framework coupled with generic repository and unit of work patterns
- Management of numerous projects with a key role in architectural design decisions

**Environment:** C#, Asp.Net MVC & Webforms, MSSQL, T-SQL, JavaScript, CSS, HTML5, Windows Server 2008/2012

**SuddenValues** January 2011 — January 2012

## Senior Web Application Engineer

- Development of a next-generation tool designed to

connect business to consumers
  - Creation of stored procedures used to feed coupon data to millions of subscribers
  - Development of email abuse and bounce handling using the Java Mail library
  - Regular maintenance, bug fixing, and feature development of both production and legacy systems

**Environment:** ColdFusion, Java, MSSQL, T-SQL, JavaScript, CSS, XHTML, HTML5, Windows Server 2003/2008

**Orion Network Solutions** February 2009 – December 2010

## *Web Programmer*

  - Ported existing code from the National Weather Service's existing Advanced Hydrological Precipitation Service to the Automated Flood Warning System
  - Implementation of a custom backend interface designed to manage the configuration of devices that measure the flood-related data
  - Maintenance of existing software on a regular basis, bug fixes, and necessary enhancements
  - Development of mobile websites for internal products: Mobile CMS, Weather Management System
  - Lead role in the development of all underlying architecture of internal products

**Environment:** PHP, Perl, MySQL, Postgresql, JavaScript, CSS, XHTML, HTML5, Debian, Redhat Enterprise

**Ecommerce Inc.** February 2001 – February 2006

## *Development Director*

- Development and architectural design of an extremely easy to maintain web framework based on PHP Fusebox
- Management of a team of 13 distributed developers
- Designed the underlying company data model from the ground up as well as maintained the production databases
- Hands-on involvement and organization of the entire development process
- Translation of high-level requirements to detailed technical requirements

**Environment:** PHP, Java, MySQL, Postgresql, JavaScript, CSS, XHTML

**Hostcentric Inc.** January 1999 – January 2001

## *Senior Application Developer*

- Lead development and regular maintenance of customer control panel based on cold fusion, asp, Perl, and COM
- Setup and maintenance of Microsoft SQL Server
- Upkeep of internal Unix development environment using Redhat, Cold Fusion, Jserv, Jrun, and Apache
- Involved in Perl and Cold Fusion development projects for external clients
- Involved in database development for internal business management applications

**Environment:** Cold Fusion, VBScript, MSSQL, JavaScript, CSS, HTML

**GES Exposition Services** January 1998 – January 1999

## *Web Application Developer*

- Development of Cold Fusion based company Intranet used by over 1500 employees
- Design and implementation of a self-service company directory based on NT authentication integrated with the cold fusion environment
- Leadership role in the administration of Microsoft SQL Server and Internet Information Server
- Interfaced with various departments to gather requirements for internal projects
- Took over management of web development after my boss took a position with a new company

**Environment:** Cold Fusion, MSSQL, JavaScript, CSS, HTML

**Earthlink Inc.** January 1997 – January 1998

## *Web Services Administrator*

- Use and development of various Perl scripts daily
- Managed migration of over 3000 users from a BSD environment to Solaris servers
- Involved in development of new Perl scripts used to make

administration duties more efficient
- Assisted with advanced trouble tickets from the web customer support department
- Worked with department heads to gather requirements for automation scripts designed to ease workload

**Environment:** Perl, Solaris, BSD

Thank you for reading my resume! I hope you have a nice day.

-Jeff