

Contact

www.linkedin.com/in/neildf
(LinkedIn)

Top Skills

Software as a Service (SaaS)
Coaching & Mentoring
Terraform

Honors-Awards

Engineering Department "MVP"
Red Tape Reduction Award

Neil Fairweather

Principal Engineer @ Overjet | AWS, GCP, Kafka, Kubernetes
Waterville, Vermont, United States

Summary

Experienced engineer and architect with a demonstrated history of working in with distributed cloud-based systems. Skilled in AWS, JAVA, Python and monitoring/analytics.

Experience

Overjet

3 years 1 month

Principal Engineer

March 2024 - Present (11 months)

Vermont, United States

Senior Engineering Manager - Platform Engineering

January 2022 - March 2024 (2 years 3 months)

Remote (Vermont)

Senior Engineering Manager - Machine Learning Engineering

January 2022 - October 2022 (10 months)

Remote (Vermont)

Nike

2 years 10 months

Director of Engineering - Near Real-time Data Platform

October 2021 - January 2022 (4 months)

United States

Principal Engineer - Enterprise Platforms

April 2019 - October 2021 (2 years 7 months)

Beaverton, Oregon

Led the design, implementation and team build out for a new multi-tenant, multi-region, globally available Kafka-as-a-Service platform running on Kubernetes.

Principal engineer providing technical leadership, strategy and mentorship for Enterprise Platform teams in the Enterprise Services & Integrations organization. Currently focused on supporting the teams building Nike's next generation platforms for Streaming Data Platforms (Self service, multi-tenant Kafka as a service platform) and Data Orchestration (Airflow as a Multi-tenant, Highly Available Service).

Algorithmia

Platform Engineering Manager

January 2018 - April 2019 (1 year 4 months)

Remote (Portland, OR)

Technical engineering manager for the Platform Engineering team at Algorithmia where I focused on introducing engineering processes and best practices, hiring and recruiting initiatives and contributing to our core platform (Scala, AWS, Kubernetes, Docker).

Built an effective, high performing and distributed engineering team as a remote leader myself. Introduced Scrum methodologies and practices to the engineering team, worked to identify and address efficiency problems by introducing processes to help reduce reactionary/interrupt driven workflows for my team.

Nike

3 years 8 months

Technical Architect

May 2017 - January 2018 (9 months)

Beaverton, OR

Technical Architect in Nike Digital Engineering focused on defining serverless strategy and building reference architectures for engineering teams in Nike Digital Engineering.

Principal Engineer - Cloud Platform Engineering

October 2015 - May 2017 (1 year 8 months)

Beaverton, OR

Member of technical leadership team for the Cloud Platform Engineering team in Consumer Digital Technology at Nike. Provide insight and guidance into best practices for leveraging the Netflix OSS tools and AWS infrastructure and managed services to build cloud native applications to help enable the migration of Nike's infrastructure to the cloud.

Other responsibilities include:

- * Coaching and mentoring more junior/inexperienced colleagues
- * Leading team in developing a healthy product backlog for several projects at any given time
- * Leading cross-organization forum within Nike on Continuous Delivery and Cloud Automation
- * Communications on future releases and product roadmaps
- * Vendor relations
- * Representing Consumer Digital Technology in developing a cohesive strategy and set of best practices for building systems in the Cloud across Nike

Technical Lead - Consumer Digital Technology

June 2014 - October 2015 (1 year 5 months)

Beaverton, OR

Technical lead on the core engineering team within the Architecture Automation organization. Oversee development and architecture of tools to support a continuous delivery pipeline, quality metric gathering and analysis and migration of Nike's infrastructure to the cloud with a focus on the Netflix OSS stack and a microservices architecture.

Instrument

Senior Developer

May 2013 - May 2014 (1 year 1 month)

Portland, Oregon

Lead Java developer in a fast paced, always moving agency environment. I am responsible for the design, architecture and implementation of both short lived web campaigns and long living platforms for Nike as well as working collaboratively and overseeing the work of others on these projects. Working to establish a core set of reusable components and libraries for Instrument's Nike projects. I have done end to end development on these projects using Java, Spring, Freemarker, Javascript, Angular and other technologies.

Nike

Senior Applications Engineer

January 2013 - May 2013 (5 months)

Beaverton, OR

End to end development on an assets distribution and syndication application for wholesale customers. Primary focus is on consolidation of data from

multiple enterprise data stores into a common source of record to be used for data retrieval and search using Mongo, SOLR and Oracle.

Dealer.Com

Senior Java Developer - Web Solutions

April 2008 - December 2012 (4 years 9 months)

Burlington, Vermont Area

Responsible for the development and maintenance of a content management system and it's supporting applications for an automotive marketing company.

SkillSoft

Integration Developer

August 2007 - April 2008 (9 months)

Fredericton, New Brunswick

- Provide technology support for all custom content development and projects. Responsibilities include consultation with content developers in preparation for web-based courseware development, testing and troubleshooting of content submitted to SkillSoft for publishing, and some in-house web development of custom courseware and learning object templates.
- Maintain and enhance in house efficiency tools operating on a services oriented architecture using C#, web services, SQL Server 2000 and Crystal Reports. This involves the maintenance and design of SQL Server stored procedures, views and tables.
- Developed excellent communication skills by dealing with both internal and external clients on a daily basis. I am regularly involved as a technical resource in calls with sales teams, client representatives and courseware vendors.
- Member of a team that has increased the efficiency of the services we offer, reducing overall product development time and increasing productivity by 25%.

Alcool NB Liquor

Programmer Analyst

September 2006 - August 2007 (1 year)

Fredericton, New Brunswick

Alcool NB Liquor is a crown corporation responsible for the distribution of alcoholic beverages in the province of New Brunswick. It falls under the jurisdiction of the province. I developed flexible and dynamic database-driven

web applications using ASP.NET to meet the needs and demands of internal clients. This included inventory control, point of sales analysis, store security and custom reporting applications

- Developed an Active Directory abstraction layer using VB.NET 2.0
- Involved in table design, maintenance and development of stored procedures for custom web applications.
- Worked with team members to develop a common data abstraction layer for Alcool NB Liquor's inventory, invoicing and point of sale systems using VB.NET and SQL Server 2000.

Government of New Brunswick Systems Analyst 2002 - 2004 (2 years)

Responsible for aiding and supervising my co-workers in the transition from an Access '97 development environment to a web development environment using ASP/ASP.NET and Oracle 9i.

- Aided Network Admin with initial set up and maintenance of IIS, FrontPage Server Extensions, COM Services and Visual SourceSafe for both internally and externally available web applications.
- Undertook a mentoring and supervisory role with coworkers in the transition from Access 97 to a web development environment.
- Involved in requirements gathering, design, development, documentation and implementation of dynamic 3 tiered database-driven business applications to meet the need of internal clients.
- Designed and developed a localization object using classic ASP, Visual Basic 6.0 and Oracle 9i to allow all applications developed by the Department of Finance to be fully bilingual. Designed and developed a spell checker using JavaScript, classic ASP, Visual Basic and Oracle 9i to be used in web applications developed by the Department of Finance.
- Recognized by New Brunswick Premier, Bernard Lord, for the role I played in reducing expenses in the provincial government. I developed an application

used extensively by the Department of Finance for analysis and decision making concerning government programs.

SmartForce

Custom Solutions Developer

March 2001 - July 2002 (1 year 5 months)

I was a developer on the Global Learning Management System using classic ASP, Visual Basic and relational database systems. The GLMS was a learning management system that hosted various types of web based training, instructor led training scheduling, web-ex based training sessions, user assessments and content hosting.

- Responsible for Platform Deployments, Requirements Analysis (Development and Testing time estimates), Testing (Functional and Unit Testing) as well as Authoring Documentation for fixes and Procedure Documentation.
- Member of team tasked with implementing changes to ensure the GLMS was cross browser compliant.
- Member of team tasked with redesign of the GLMS to allow it to communicate with both an Oracle 8 and SQL Server 2000 database back end. This included altering existing Oracle triggers and database access code as well as writing SQL Server stored procedures.
- Trained and mentored developers and work term students new to the GLMS application and team.
- Developed a new assessment engine for GLMS using classic ASP, JavaScript and Visual Basic 6.0 COM objects.
- Prevented the GLMS from losing the IRS as a customer by delivering the requested changes and bug fixes in a timely manner. By delivering requested changes and bug fixes in a timely manner, I enabled a reseller to meet their scheduled deadline for delivery of the GLMS to a European Microsoft office.

Education

New Brunswick Community College

Computer Programming Technology, Information Technology,
Application Development, Communications, Relational Database,
Communications · (1999 - 2001)