NICK NADDAF

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Professional Summary

Enterprise and cloud architecture specialist focusing on Infrastructure, Serverless solutions, Microservices and Containerized Solutions, Big Data, IoT, and Machine Learning. A regular speaker at AWS conferences and Summits worldwide.

I spent the last 25+ years writing code and building large-scale solutions on the Windows Platform using C++, .NET, and other systems, and I also worked on mobile application development (iOS, Android, BlackBerry, Windows)

In the last two years at AWS, I delivered 160+ public speaking engagements and workshops in Canada, the United States, and Europe.

Currently, I am working for ApplyBoard as a Principal Cloud Architect and principal Engineer on AI/ML services. I came from AWS, where I was a global specialist solutions architect for Serverless with AWS, focusing on helping partners and customers modernize their solutions using Serverless Architecture with AWS Serverless Platform, including computing, integration, data, ML, and storage services.

Prior to AWS, I worked as a Technical Program Manager at Amazon B2B, Seattle—Washington, where I managed fulfilment, supplier management portal, and business seller mobile applications.

Work with Partners and customers to build, validate, and evaluate cloud-native and cloud migration workloads for enterprise-based solutions with thousands of servers, databases, and cloud resources.

Certifications

Experience

Principal Software Engineer – AI/ML, ApplyBoard

Toronto, Jan 2024 – Present

Leading and overseeing the technical architecture and implementation of AI and ML projects within ApplyBoard, including the development of a recommendation engine, smart search, and document processing. Providing technical direction and guidance to the team of engineers and data scientists. This includes setting the technical vision, defining best practices, and ensuring that projects align with the organization's goals and objectives.

Principal Cloud Architect/Software Engineer, ApplyBoard

Toronto, Nov 2021 – Jan 2024

As Principal Cloud Architect/Software Engineer, I am responsible for leading the creation and implementation of the company's cloud-based solutions on AWS, including the containerized backend microservices, serverless-based solutions, and the modern data platform (Data Lake, ML Workloads).

Responsible for providing technical architecture and design leadership to support the corporate initiatives in cloud computing, automation, and applications modernization (move to the cloud-native solutions using AWS cloud services)

Ensuring critical cloud-based applications are designed and optimized for reliability, scalability, high availability, and disaster recovery.

Global Specialist Solutions Architect, Serverless, Amazon Web Services – AWS

Toronto, Nov 2020 – Nov 2021

As a partner specialist solutions architect for Serverless, I support AWS partners worldwide and help partners and customers build large-scale and cloud-native solutions using Microservices and Serverless architecture.

Specialized Solutions Architect, Microsoft Platform, Amazon Web Services – AWS

Toronto, May 2018 – Nov 2020

As partner specialized solutions architect, covering Canada and United States, I was focusing on helping partners and customers run Microsoft .NET, Microsoft server applications and Windows-based solutions on AWS.

Regional Solutions Architect, Amazon Web Services – AWS

Vancouver, May 2017 – May 2018

As partner solutions architect, covering western Canada, I was focusing on helping partners migrate and architect their customers' solutions on AWS.

Technical Program Manager, Amazon.com Inc.

Seattle, May 2016 – May 2017

- I am responsible for building two major features in Amazon B2B, Amazon Supplier Management Portal and Resellers/wholesalers.

- Working as lead Technical Program Manager for the Fulfillment program within the Amazon Business Marketplace team, and managing B2B mobile features in the Amazon Seller Mobile App

Lead Architect, Leger Marketing (Leger Metrics Inc.)

Montreal, Oct 2014 –Sep 2015

- Manage the team of software engineers and provide leadership in the use of best practices in software development architecture.

- Manage the day-to-day development aspects of multiple projects and for different products: requirements documentation and analysis, scoping, planning, engineering, implementation, and new product introduction.

Solution Architect, Oceanwide Inc.

Montreal, Oct 2013 – Sept 2014

- Senior Architect and act as technical leader and manager of assigned development resources on critical projects, starting with the Bridge Billing project.

- Prepare the architecture and lead the technical team on key initiatives such as mobile development, working with business stakeholders to define and review strategy.

Development Director/Co-Founder, Zoomjar Technology Inc.

Montreal, Aug 2010 –Oct 2013

During the period of working at ZoomJar I was the CTO of the company and I was responsible of achieving the following:

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- Establishing and managing the internal and external IT infrastructure of the company.
- Complete a cloud-based solution for Project Time and Expense Management (ITCOnline) on Microsoft Windows Azure at the early stage of the cloud platform.
- Brought experience to the company in mobile application development by developing applications on iOS, Android, and BlackBerry (Abu Dhabi National Exhibitions Centre - ADNEC)
- Build backend solution to send Push Notifications for iOS, Android, and BlackBerry using .NET
- Build PharmaPlan, which is a service that makes independent pharmacists available to fulfill work shift schedules for pharmacies (http://www.pharmaplan.ca). This solution includes a web site for marketing, web application, and backend REST services for mobile applications

Solution Architect, Oceanwide Inc.

Montreal, Aug 2008 – Aug 2010

- Solution Architect on Oceanwide's Genoa Marine Insurance Management solution, SaaS-based solution built using ASP.NET, .NET Framework.
- Design a complete architecture of the Hull & Liability Submission solution, a fully extensible and decouple architecture and build the code base frameworks (presentations, dynamic loading, Entity Framework tracking, central and customizable validation, and ASP.NET response filter frameworks.

Software Architect, Compuware Corp

Montreal, Sep 2004 – Aug 2008

- Software Architect/Designer/Developer
- Team lead on ChangePoint maintenance/patching process (Montreal office).
- Writing technical white papers (SOA from business perspective, Building SOA using Microsoft development platform, ChangePoint current architecture issues, Software as a service for ChangePoint new future release).
- Presenting and coaching Microsoft new technologies, such as Service Factory, Composite Application Block CAB, Smart Client Software Factory, WCF, WF, and WPF.
- Application architect and application framework developer on DevPartner CodeReview.
- Technical architect of Compuware ChangePoint (www.changepoint.com) application extensions.
- Development Team Lead of Compuware Reconcile application http://www.compuware.com/products/reconcile.htm (member of QACenter suite)

- Senior software designer/developer and Dev Lead for custom CRM software for Consolidated Resorts Inc., using Microsoft SQL Server 2005 and .NET framework based on SOA and Smart Client architecture.
- Participate in designing POS/BOS systems for Regis Corp using UML and .NET framework.
- Member of systems architecture committee at Compuware.

Software Designer/Develper, Corporatek

Montreal, Feb 2004 – Aug 2004

Application designer and framework developer

Software Designer/Develper, Farabi Technology Corp

Montreal, Oct 2001 – Feb 2004

- Design and develop a professional services projects (ASP.NET, Web Services, Windows Applications) of our clients ex: GE Capital Canada (http://www.gecapitalcanada.com), British Aerospace Canada (http://www.baesystems.com), using Microsoft .NET Framework and Microsoft Visual Studio.NET.
- Designing UI of the projects (BAE Project, HostFront Enterprise Manager, ITConline Administrator/Client)
- Member of the engineering department that is responsible of developing and enhancing our product HostFront (http://www.hostfront.com) using Microsoft Visual C++, MFC, COM, ATL.
- Designing, developing, and managing Farabi's product ITConline (http://www.itconline.ca). It is a client/Server application written in MFC, Managed C++, C#, .NET Framework, and SQL Server 2000.
- Designing and developing customized projects
- GE Capital Mass-Booking. (VB, SOAP, COM)
- British Aerospace Canada ASP.NET Web Application. (ASP.NET)
- GE Capital Web Services and Windows Forms applications. (C#)
- GE Capital Payout Web Application (ASP.NET)
- HostFront profile system. (COM, ATL, MFC).
- HostFront Enterprise Management system, Enterprise Manager (.NET, C#, MFC, COM)

Web Developer, Cognicase (W4technology, IATA Online)

Montreal, Apr 1999 – Oct 2001

- Managed, maintained, and developed: web applications, web sites, traditional applications, and components for our clients

- Installed, maintained, and implemented internet/intranet servers. Based on: ASP, JavaScript, VBScript, Transact-SQL, COM, Office 2000 Objects, ADSI Objects, ADO, HTML, DHTML, MS-SQL Server, MS-IIS, MS-Site Server, MS-Windows NT, 2000, MS-MTS, VB, Visual Interdev.
- Designed and developed the following projects
- Workanizer: (Team member) An end-to-end, web-based productivity and work-flow management tool for small/ medium size companies and individual users that provides instant access to the clients' records; contacts; tasks; projects; timesheets, etc. http://www.workanizer.com
- IATA Online: (Team Member). E-Commerce web site of IATA. http://www.iataonline.com
- Slot Exchange. A web application for IATA, used to manage and maintain the airport slot exchanging between the airline companies.
- IATA ICE (Architect designer developer from start to end). A web application for IATA, used to publish information related to IATA Online.
- In-flight Services (Architect designer developer from start to end). A web application for IATA, used to manage and maintain information about airlines offices, contacts and suppliers. http://www.iata.org/ecat/
- Webrooms: (Team Member). A multilingual web application allowing users to create, maintain, and manage their web sites. Used to create personal, e-Lesson, e-Commerce web sites. http://www.webrooms.ca
- IATA Server Migration (Project Engineer). Installed and configured two Internet servers running MS-Windows NT 4.0, MS-IIS 4.0, MS-SQL Server 7.0, MS-Site Server 3.0, and COM Components. Migrate the IATA web sites (up to 57 web sites/applications)
- WECO: Modifying, fixing, maintaining, and supporting an e-commerce web site. http://www.weco.ca/

IT Consultant/Software Developer

Damascus - Syria, Apr 1992 – Mar 1999

MS-Backoffice, Novel Netware, Windows NT, C, C++, and Clipper

Education

1987-1992 | Bachelor Degree in Electrical & Electronics Engineering

Damascus University