

NATE GRIGG

nate@nategrigg.com

+1 801 599 NATE

EXPERT SKILLS

Professional Developer since 2002

Nate has expert skills in **JAVA 8**, **HTTP**, **REST/HATEOS**, **C#**, **.NET**.

But his real passions are in the areas of:

MOBILE STRATEGY, and

SOFTWARE DESIGN and **ARCHITECTURE**

PROFICIENCIES

While he wouldn't claim to be an expert, Nate is proficient in **JAX-RS**, **ASP.NET MVC**, **MAVEN**, **ECLIPSE**, **INTELLIJ IDEA**, **VISUAL STUDIO**, **NUGET**, **MICROSERVICES**, **SCRUM**, **LEAN DEVELOPMENT**

EMPLOYMENT HISTORY

Personal Project - Mobile Puzzle Game

Nov 2018–Present

C# 7, **.NET CORE** on Mac, **NUGET**, **COMPONENT-ORIENTED DESIGN**, **APPLE APP STORE**, **GOOGLE PLAY STORE**

Senior Software Engineer, Ancestry Inc.

Apr 2015–Dec 2018

JAVA 8, **MAVEN**, **JUNIT**, **JAX-RS**, **AWS**, **REST**, **MICROSERVICES**, (Including breaking up a monolith), **REFACTORING**, **AUTOMATED TESTING**, **JENKINS**, **SCRUM**

Senior Software Engineer, Intermountain Healthcare

Mar 2014–Apr 2015

C#, ASP.NET MVC, SITECORE, REST, SCRUM

Senior Software Engineer, RedBell Real Estate

Sep 2013–Feb 2014

C#, ASP.NET WEB FORMS, MS SQL, STORED PROCEDURES

Consultant → Senior Consultant, Application Development, Avanade Inc.

May 2006–Sep 2013

C# 2.0–5.0, ASP.NET MVC, WEB SERVICES, WCF, MS SQL SERVER

Software Engineer in Test, Control4

2004–2006

LINUX, EMBEDDED, C#, C++, SQL SERVER, XML, WIFI, ZIGBEE, TEST PLANNING, AUTOMATED TESTING, MANUAL TESTING

Software Developer, ThoughtLab

2002–2004

ASP.NET WEB FORMS, MS SQL SERVER

EDUCATION

Bachelor of Science, Computer Science

University of Utah

2002–2006

Also Attended

Utah State University, 1997

Salt Lake Community College, 1996–1998

PROJECT HIGHLIGHTS

Monolith Break-Up and conversion to Micro Services

2016–2018

Nate worked on replacing a suite of monolithic .NET services with Java

MINIservices. Aiming to build **MICRO**services, the team ended up building services that were a little larger than intended. So, while breaking up the **MONOLITH**, the team also worked on breaking the **MINI**services into **MICRO**services. The team also spent the last year “lifting and shifting” all of these services (**MICRO**, **MINI**, and **MONOLITHIC**) to **AMAZON WEB SERVICES**.

All this while implementing new features, raising standards for software excellence, and improving delivery times for new features.

Java 8, JAX-RS, REST, Micro-Services, Spring Dependency Injection, Maven

Mobile Web Application for booking flights

2010–2012

Nate built a prototype **MOBILE WEB APPLICATION** for making airline reservations using *Navitaire’s* **NEW SKIES** reservation system. One of Navitaire’s major European customers needed a mobile booking flow *yesterday*. Nate proposed polishing the prototype web app and the customer agreed.

During the polishing project, the CEO of the Airline insisted that the mobile booking flow be accessible from **ANDROID** and **IOS** *apps* in the app stores. While development continued on the mobile web app, developers working for the airline built native apps with web controls to wrap the mobile web app.

Patent for “One-Click Booking” for A Bus Ride

2010–2011

US Patent 8942991B2: Agent-side traveler application for mobile computing devices

While making a proof-of-concept for a customer pitch, Nate and his colleagues made a web app that would allow a bus driver to reserve and sell a reservation on the bus with a single swipe of a credit card. Accenture decided to patent it.