

# NATE GRIGG

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## 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- \*\*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

**MINI**services. 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.