

# JJ Gillian

## Software Engineer



Dunwoody, GA



(404)-384-4855



jjgillian.com



jjgillian1@gmail.com



linkedin.com/in/jj-gillian



github.com/jjgillian

## Education

### MS in Software Engineering

Kennesaw State University, GPA 4.0

### BS in Industrial Engineering

Burapha University, Thailand

## Technical Skills

Java, JavaScript, Python, HTML, CSS

Node.js, Bootstrap, Spring Boot

MONGO DB, mySQL, SQLite, JUnit, Jira

RESTful Webservice, Postman, Git

Agile Methodology, Amazon AWS/EC2

IntelliJ, Eclipse, Visual Studio Code, Netbeans

Adobe Illustrator, Adobe InDesign

AutoCAD, Solidworks, Inventor

Geomagic Design X, Rapidform

Zscan (3D scanner), Faro Edge Scanner

Catalyst by Stratasys (3D Printer)

## Experience

Jan 2020 - Present

### Software Engineer

ACCENTURE

- Worked with clients and Accenture internal projects.

Dec 2014 - June 2017

### Product Engineer

PAI INDUSTRIES, Inc

- Designed aftermarket automotive parts for truck market.
- Responsible for Product / Design development, first article inspection, and product analysis.
- Utilized Solidworks and 3D Faro Edge ScanArm to create 3D models and detailed drawings.

May 2010 - May 2014

### Product Designer

OMIX-ADA Inc.

- Designed aftermarket automotive accessories for Jeep, truck and SUV markets under the brand Rugged Ridge®.
- Utilized Solidworks, 3D scanner and 3D printer to create product prototypes.
- Created products through processes of stamping, large injection molds, thermoforming, aluminum castings, etc.
- Collaborated between engineering team, manufacturer, graphics team to sales and marketing to realize best final product.

## Projects

### RESTful Web Service Application

Currently working on this project

- Utilizes Java, Spring MVC, Spring Boot, Spring Data JPA to implement features User sign-up/User sign-in, email verification, Password Reset, get user details API call, secure Web Service endpoints with Spring Security.
- Amazon AWS Simple Email Service (SES) to send and request to confirm user email address.

### TUG Vehicle Aircraft Classifier

Master Degree Capstone

- Android application using a camera to detect and label commercial aircraft tires for use with towing vehicle.
- Utilizes Tensorflow Lite, Android Camera2 API, Google Places API, and AWS Dynamo database.
- Sponsored by Textron GSE.
- Utilized Agile/Scrum project management methodology.
- Won 3rd place best graduate project at the college of Computing and Software Engineering Computing show case event (C-Day)

### Gamer Matchmaking System

Matchisuru

- Web application that matches online multiplayer games to another players based on the results of a questionnaire. MySQL is used for the database.
- The web application features include registration, login, update profile, and player matching.
- Hosted at <http://mat-php.herokuapp.com/>
- Utilized Agile/Scrum project management methodology.

### Rock Climbing Website

Climbing Life

- Web application about rock climbing using CSS/HTML/JavaScript
- Hosted at <https://jjgillian.github.io/climbinglife/>