

# Gael Calma Bau

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## EDUCATION

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### University of California, Irvine

Irvine, CA

#### Bachelor of Science in Computer Science

March 2019

- Selected Coursework: Intro to Data Management (Fall 2017), Computer Networks (Winter 2018), Data & Web Apps (Winter 2018), Machine/Data Mining (Fall 2018), Design & Analysis of Algorithms (Winter 2018), Advanced Computer Networks (Winter 2019)

## SKILLS

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- Python, Javascript, SQL, Java, C/C++, HTML/CSS, Angular, MongoDB, Node/Express JS
- Agile/Scrum and Jira/Git for project management.
- Exposure to AWS EC2, S3 Buckets, and DigitalOcean Droplets.

## EXPERIENCE

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### Elevate Consulting

Newport Beach, CA

#### Software Engineering Intern

Oct. 2018 – Apr. 2019

- Implemented a cron job designed for inventory keeping between an e-commerce client's Shopify inventory and SQL Server inventory.
- Responsible for creating and maintaining RESTful APIs using Node/Express JS and MongoDB.
- Developed front end applications based on Angular, CSS, and html5.

### University of California, Irvine

Irvine, CA

#### Lab Instructor

Apr. 2017 – Jun. 2018

- Communicated effectively with students about various Python and programming concepts.
- Guided students to learn how to troubleshoot bugs in their assignments and projects.
- Average of 9.3/10 overall student feedback rating.

## PROJECTS

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### Route Stopovers

Fall 2018

- A small front end project designed to practice HTML/CSS, Javascript, and third party APIs.
- Utilized Yelp's Fusion API in conjunction with Google Map's API to allow users to find particular businesses along a route.

### Movie E-Commerce Application

Winter 2018

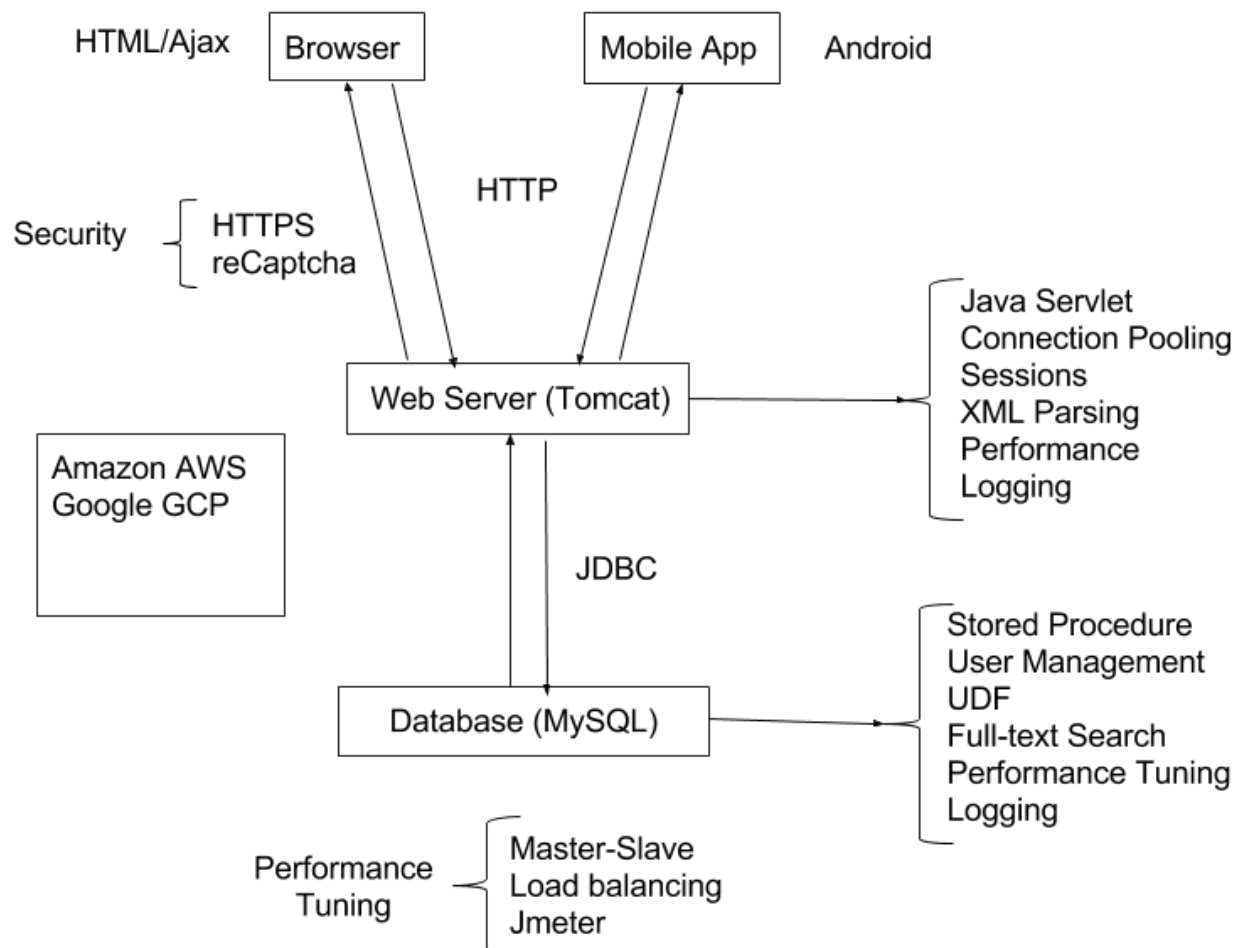
- A project built to learn about full-stack development in Java and cloud servers with AWS.
- Used Java servlets hosted on an Apache Tomcat server and a MySQL DB for the back end.
- Implemented a basic front end application using Javascript/jQuery and HTML/CSS.

### MapQuest API

Fall 2016

- A rudimentary program developed using Python and MapQuest's API.
- Allow users to pick up to 5 output types, such as distance and steps.
- Basic UI generates outputs based on the concept of duck typing.

- BS degree in Computer Science, Computer Engineering or related technical field or



equivalent practical experience

- 1-5 years of professional experience as a software engineer working in a front end or full-stack capacity
- Familiarity with key web development principles such as DOM hierarchy and manipulation, semantic markup, performance optimization strategies, responsive vs. adaptive layouts, etc.
- Proficiency with JavaScript, jQuery, HTML and CSS
- Familiar with Git or other source code control systems
- Experience with one or more modern front end frameworks/libraries such as React, Angular, Vue.js, Polymer, etc.
- Experience developing consumer facing software, especially at scale
- Familiarity with test driven and behavioral driven development practices

- Experience working in an agile/Scrum environment
- Experience with the latest and greatest web standards, including HTML5 and CSS3
- Strong sense of web design and attention to the fundamentals of user experience
- Familiarity with the breadth of web development including protocols and web server optimization technique.
- Familiarity with front end workflow/build system and productivity tools such as Grunt, Gulp, Webpack, Next.js, etc.

## **SMARTETS**

- Functional programming knowledge
- Experience with web technologies and methodologies like web servers, REST, and protocol buffers
- Interest in probability, sports and exchanges

STOPPED AT EXO ANALYTICS