

# Rudy A. Hernandez

Modesto, CA - 209-322-9787 - rudolpharthur@gmail.com

rudyah.com - linkedin.com/in/rudyah - github.com/rudolphh

---

## SUMMARY OF QUALIFICATIONS

- Bachelor of Science in Software Development
- 3+ years of Java programming experience
- 5+ years JavaScript programming experience

## INFORMATION TECHNOLOGY SKILLS

**Languages:** Javascript/TypeScript, Java, JSP, C++, SQL, GraphQL  
**Frameworks:** Angular, Express, Koa, Restify, Spring Boot, Hibernate, Bootstrap  
**Libraries:** RxJs, NgRx, Socket.IO, React/Native  
**Databases:** MongoDB, MySQL, PostgreSQL, SQLite  
**Testing:** Protractor, Jasmine/Karma, Mocha/Chai, JUnit  
**Software:** Jenkins, Docker, VSCode, Git, Nginx, IntelliJ, Eclipse  
**Cloud:** DigitalOcean, MS Azure

## RELEVANT PROJECTS

### **Bullhorn Applicant Tracking System** - <https://www.bullhorn.com>

**Sep 2021**

An enterprise web application platform to meet the needs of modern day staffing

- API endpoints developed using Spring Boot
- Unit testing Angular services and components with Jasmine and Karma.
- User interface implemented using Novo Elements custom UI component library.

### **Fitnits Body Recomposition System** - [fitnits.io](http://fitnits.io)

**May 2021**

IIFYM application showcasing responsive design, reactive programming, and state management

- Observable data services as a central store for sharing common data between components..
- Application structure divided into Core, Feature, and Shared Modules
- Responsive layout, custom theme, and user experience practices implemented with Angular Material.

### **Fitnits API**

**May 2021**

Application Programming Interface for Fitnits

- Express and MongoDB (data object modeling with Mongoose) serving requested data at endpoints.
- JWT Authentication and Role-based (Admin) Authorization
- Documentation using Swagger UI can be found at <https://fitapi.rudyah.com/docs/>

### **News Site** - [g8.rudyah.com](http://g8.rudyah.com) repo: [github.com/rudolphh/g8-news](https://github.com/rudolphh/g8-news)

**Mar 2021**

Exploring Angular, Socket.IO, and SendGrid email API

- Angular frontend, backend Content Management System (CMS) using Node/EJS templates
- Public chat feature using Socket.IO
- Contact form using Express endpoint; posting to SendGrid API for accessing mail protocols.

### **Client Management System** - [github.com/rudolphh/schedule-app](https://github.com/rudolphh/schedule-app)

**Mar 2020**

Advanced Java project for managing client information and appointments.

- JavaFX for a customized UI according to specific company requirements
- Designed database architecture, data mappings, and developed custom queries on MySQL database.
- Added feature to generate relevant reports using complex database queries.

## CERTIFICATIONS

- CompTIA Project+
- CIW User Interface Designer
- CIW Advanced HTML5/CSS3 Specialist
- CompTIA A+

## EDUCATION

### **Master of Science in Computer Science**

Georgia Institute of Technology, Atlanta, GA

**Expected Graduation 2024**

### **Bachelor of Science in Software Development**

Western Governors University, Salt Lake City, UT

**Nov 2020**

### **Associate of Arts in Computer Science**

Modesto Junior College, Modesto, CA

**May 2016**

## WORK EXPERIENCE

### **Software Engineer**

Tata Consultancy Services

**Jan 2021 - Current**

Remote

- Lead training, produce content, and assist new team members with onboarding.
- Increased unit test code coverage over 50% for two separate UI teams
- Using Spring Boot (i.e. Data JPA, Security) API for use with Angular

### **Web Development Instructor**

Bay Valley Tech

**Nov 2021 - Current**

Modesto, CA

- Aid in developing core curriculum for those new to web development or looking for their first job.
- Instruct in fundamental web development, Angular framework, and APIs using Node/Express.

### **Development Intern (non-profit)**

Bay Valley Tech

**Jun 2021 - Aug 2021**

Modesto, CA

- Led a team of developers on a full-stack project (Angular, MongoDB, Express/ Node).
- Assisted internship lead with sprint coordination for the various team projects.

### **Founder of Fitnits**

Fitnits (alpha development)

**May 2021 - Current**

Modesto, CA

- Simplified Diet Tracker with UX principles in mind
- Complete full stack web application using Angular, MongoDB, Express/Node

### **Shipping Equipment Operator**

Saputo Inc.

**Aug 2017 - Jan 2021**

Gustine, CA

- Received orders, loaded and unloaded containers for shipping and storage respectively.