

# Ernesto Fuentes

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## Education

**Bachelor of Science in Computer Science**  
Kennesaw State University, Marietta, GA

December 2020

## Certification

**Java Intermediate Certification**  
Kennesaw State University, Marietta, GA

December 2021

**AWS Certified Solutions Architect – Associate**

December 2022

## Relevant Skills

Microservices • Jenkins • TDD • AWS • AWS Lambda Functions • AWS Database Storage • ROSA • Open Shift • TypeScript • Node.js • RedHat • Tekton Pipelines • Java • SQL • HTML • JavaScript • MySQL • Object Oriented Programming • Postman • WordPress • Amazon s3 • Windows • Mac OS • Linux • Bash • Git • VIM

## Work Experience

**Java Instructor at We Can Code It**

**April 2023 – Current**

- Lead a cohort of 30+ students, providing comprehensive instruction in Java programming.
- Cover foundational Java concepts up to the development and deployment of Spring web applications and APIs.
- Offer additional support to students through tutoring sessions, ensuring their understanding and progress.
- Collaborate with fellow instructors to develop effective and engaging lesson plans.
- Support students in their career placement efforts by offering guidance and assistance.

**Java Cloud Engineer at GenSpark**

**October 2022 – April 2023**

- Spring core project utilizing core features such as dependency injection and inversion of control.
- Created scalable Spring Boot APIs that implemented create, read, update, and delete functionality while working with MySQL and Oracle databases.
- Focused on Test Driven Development (TDD) and Behavioral Driven Development (BDD) while launching server Jenkins pipelines.
- Successfully completed various labs, utilizing AWS Lambda, Database Storage EC2 instances, and other AWS services.
- Contributed to a project that integrated Tekton Pipelines for ROSA (Red Hat OpenShift on AWS) with AWS CI/CD.

**Application Developer at ADP**

**January 2021 – June 2022**

- Developed Spring core project, utilizing essential features such as dependency injection and inversion of control.
- Created scalable Spring Boot APIs, implementing CRUD functionality with MySQL and Oracle databases.
- Collaborated with teams of developers and product owners to fulfill sprint requirements.
- Worked on Java backend, SQL database, and JavaScript front end development.

- Conducted data analysis and interpretation using SQL.

### **Field Coordinator at Voxel Maps**

**July 2020 – October 2020**

- Served as a member of the management team for the Apple Maps Pedestrian collection pilot program in Atlanta and New York.
- Managed a team of 25 surveyors, overseeing image data collection in the greater Atlanta area and New York City.
- Coordinated logistics for transportation and storage of hardware used by surveyors.
- Provided regular status reports to both Apple and Tech Mahindra management.
- Assisted in troubleshooting hardware-related issues on-site for the Atlanta team and remotely for the New York team.

### **Data Analysis at Comunidad Connect**

**June 2020 – September 2020**

- Analyzed data for community projects provided by Comunidad Connect.
- Constructed trends and assessed the impact of the projects on the community.
- Compiled and formatted data for presentation to shareholders and investors.
- Utilized Python and SQL for forecasting and conducting data analyses.

### **Software Specialist at CaseyShipps.com**

**September 2018 – April 2019**

- Managed and developed website structures and content using WordPress for a commercial website.
- Conducted routine maintenance and oversight of the website, including installing data analytics and updating security protocols.
- Streamlined page content and validated survey bots, leading to increased traffic and higher sales revenue.