

Jonathan Garcia

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Languages: Java, JavaScript, TypeScript, Python

Experience

ADP – Associate Application Developer, Full Stack

February 2021 - Present

- Onboarded with a six-week training program on agile best practices, Oracle SQL queries and stored procedures, Spring Boot and Hibernate backend APIs, API documentation, and Angular development
- Shipped features ranging from backend REST APIs and Java services optimization to front end React components
- Wrote unit tests for backend services that increased code coverage from 25% to 75%
- Contributed to code reviews and documentation for the Login and Contextual Home Page, handling over 5 million requests per day and being the portal through which all ADP WorkForce Now applications function

Georgia-Pacific, LLC – Process Engineer

December 2018 – February 2021

- Responsible for identifying and preventing process and reliability issues by working with data analytics and automation to improve manufacturing runnability
- Contributed to over \$5MM in reduced purchased chemical costs by developing an advanced process outlier detection system with analytics and automation

Education

Full Stack Web Development Boot Camp, Georgia Institute of Technology, Certificate

February 2021

- Front End semantic development using HTML5, CSS3, Bootstrap, vanilla JavaScript (ES6), jQuery/AJAX
- Building RESTful APIs with Node.js, NPM, and Express
- Database query interfacing using MySQL and NoSQL solutions with MongoDB
- Using React.js to build applications

Georgia Institute of Technology, Atlanta, GA

Bachelor of Science in Chemical and Biomolecular Engineering

Class of May 2018

Projects

Digital I9 Process – Web App that automates and digitizes the I9 process for HR

February 2021

- Created stored procedures in Oracle DB for running E-Verify and checking applicants against the blacklist
- Developed RESTful APIs using Hibernate and Spring Boot for multiple personas
- Designed user-friendly and mobile-responsive UI with Angular 6 with a contextual login based on user type
- Implemented form validation, data sanitizing, and risk mitigation with personal identifiable information

On-Track App – Interactive app that incentivizes elementary kids to excel in remote class

January 2021

- Developed database schema using MongoDB
- Created RESTful APIs with the Mongoose ODM connected to a polished React front end
- Implemented security measures for COPPA policies

Resume Builder – Build, update, and access your resumes as PDFs through this web app

December 2020

- Created a RESTful resume API with full CRUD that was deployed to Heroku using Node.js and Express
- Utilized one-to-many associations in MySQL database with the Sequelize ORM
- Implemented user authentication with the Passport NPM to maintain document privacy

Free From All – Beauty product search app for environmentally-conscious consumers

October 2020

- Fully functioning web app where users can search for beauty products with select criteria (chemical-free, vegan, etc.) and find products and local stores near the user
- Utilized three public API's with AJAX and jQuery, including interactive from Microsoft's Bing CDN

Technical Skills

Languages: Java, JavaScript, TypeScript, HTML5, CSS3, jQuery, Git

Databases: PostgreSQL, Oracle, MySQL, MongoDB

Frameworks: Spring Boot, Node, React, Angular 6, JUnit

Exposure: AWS, Docker, Kubernetes, Elasticsearch, Kafka