Nicodemus Landaverde

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ABOUT

Full-stack engineer with 5 years of experience designing and building RESTful APIs, developing and deploying microservice-based architectures, and creating user interfaces to solve real-world business problems. I also make other stuff in my free time that you can check out [here](#).

PROFESSIONAL EXPERIENCE

Java Developer, Clearwave Corporation (healthcare)   **August, 2023 - Present**

Backend Java Developer at Clearwave Corporation, a Healthcare solutions platform.

Audit Project
- o   Built a full suite of microservices that track all auditable events within the company ecosystem and that stores/retrieves millions of user/client actions per month **(Spring Boot, RabbitMQ, MongoDB)**
- o   Built a dashboard that allows users to query, filter, and sort all of the tracked analytics. **(Typescript, React)**

Caching Project
- o   Worked to provide a microservice-focused caching solution for making rate-limited API calls to various Electronic Health Record APIs **(PostgreSQL, RabbitMQ, Spring Boot, Docker)**

Cloud Engineer, ECS Federal (supply-chain)   **February, 2022 - August, 2023**

Full Stack Engineer at ECS Federal, engaged in a project contracted by the USPS.

Carrier Route Analysis Application
- o   Developed a UI dashboard to track and analyze mail carrier geolocation data in real-time, visualizing routes in 3D using GeoJson and interactive mapping tools **(Angular, Esri, Typescript)**
- o   Built/developed REST APIs that transmitted high-volume GeoJson to client applications **(Spring Boot, ECS)**

National Delivery Intelligence Application
- o   Worked on a suite of microservices that analyzed nationwide delivery data on a daily basis and saved it within S3 **(Spring Boot, S3, Hadoop)**
- o   Integrated a dashboard that scraped and overlaid public data from the National Weather Service to each USPS facility, route, and region. **(Angular, Spring Boot, S3)**

Associate Software Engineer, Lowe's (e-commerce)   **May, 2020 - February, 2022**

Associate backend engineer on the pricing team for Lowes.com

Pricing Applications
- o   Worked on the public-facing Price API that served prices to Lowes.com, the mobile app, and internal services. **(Spring Boot, Kafka, Redis, Couchbase)**

EDUCATION

Appalachian State University   **May, 2021**

Bachelor of Science, Computer Science   *Boone, NC*