Celestine Joel

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EDUCATION

Bachelor of Science in Mathematics *Kogi state university Anyigba* , Nigeria

Relevant Coursework: Data Structures and Algorithms, Digital Computer Systems, Introduction to Computing, Computer Programming, Calculus I, II & III, Vector Analysis, Assembly Language, Numerical Computation, Object Oriented Programming, Operating Systems, Principle of Compilers

SKILLS

Programming Languages:
JavaScript, Python, TypeScript, C++, Java, Go

Frameworks & Tools:
React, Nodejs, Nextjs, Nestjs, GraphQL, MySQL, PostgreSQL, MongoDB, Kafka, Git, Linux, AWS, GCP, Docker

PROFESSIONAL EXPERIENCE

J.P. MORGAN CHASE & CO 06/2023 – 08/2023
Software Engineer Intern - Employee Experience London, United Kingdom

- Co-Led a team of 3 interns, designing and developing an end-to-end social network graph project for employees to find how they are connected to other people within the firm, improving employee experience
- Developed a Batch Processing application which transforms Oracle SQL data into Neo4j Graph data using Spring Batch
- Developed a RESTful backend service to compute the shortest path, all paths, and path recommendations in the employee network
- Implemented draggable and interactive graphs visualization for the social network

CRUISE LLC 09/2022 – 12/2022
Software Engineer Intern - Simulation, Scene Edit San Francisco, CA, United States

- Helped built the world's most advanced self-driving vehicles to safely connect people with places, things, and experiences they care about
- Contributed to Cruise AI simulation platform tools (Scenario Editor) that empower AV engineers to create and run simulations at scale, accelerating the development of autonomous vehicles by at least 4x Eliminated data loss when users switch between NPC objectives in the Scenario Editor by writing adaptors for each objective profile. This cut down on steps and scenario authoring times by at least 5 - 10% Migrated part of the Scenario Editor codebase to Typescript and added new unit tests, making the codebase less error-prone

J.P. MORGAN CHASE & CO 06/2022 – 08/2022
Software Engineer Intern - Global Trading Tech, Allocations London, United Kingdom

- Designed and developed the prototype of a new Global Search Platform that enables searching of internal trade data to make search speed at least 10x faster and flexible search queries possible using Spring Boot and Elasticsearch
- Configured and deployed Kafka Connect (sink connector) to ship data from the Kafka Cluster to the Elasticsearch Cluster
- Automated the visualization and analytics of the business data as they are shipped in real-time using Kibana

SELECTED PROJECTS

Brandzoos *(over 5000 users)*
A social platform for Brands and Shoppers to connect. 06/2020 – present

- Built and maintained the entire platform end-to-end which includes chat, search, follow, post, like, comment features.
- Technologies used: React/Nextjs, Nodejs, TypeScript, Nestjs, GraphQL, PostgreSQL, Tailwind, Heroku, AWS.

Afide.ng

An investment platform for daily income earners to *invest in agriculture. (500 - 1000 active users)*
09/2020 – 12/2020

Built and deployed 3 separate dashboards (users, agents, and admins) for the end-to-end activities on the platform.
Technologies used: VueJS, Nodejs, MySQL, RESTful APIs, Bootstrap, AWS, Twilio.

CERTIFICATION

Cloud DevOps Engineer Nanodegree, Udacity Microsoft Certified: Azure Fundamentals (AZ – 900)