Chinasa Kalu

Back-end Software Engineer, Full-stack Software Engineer

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GitHub | LinkedIn | Twitter | Portfolio

SUMMARY

A passionate Software engineer with 3+ years of experience developing high-quality code for high-volume businesses. Provisioned back-end systems for capturing customer details and tracking the location of over 1.2M already installed energy meters. A disciplined team player, infrastructure, and automated system enthusiast.

SKILLS

Front-End: JavaScript(ES6), React.js, CSS3, Bootstrap, HTML5, Sass, Webpack

Back-End: Javascript(ES6), Node.js, Express.js, Docker, TypeScript, APIs, REST, Swagger

Tools & Methods: Git, GitHub, Heroku, Netlify, Jest, TDD

Data Stores: MySQL, MongoDB, Mongoose, Postgresql, Redis

Professional: Teamwork, Mentoring, Problem-solving, Detail-oriented, Goal driven

RELEVANT EXPERIENCE

Computan (Contract)   April 2022 - present
Backend Engineer - Canada(Remote)

- Added a feature to the company's recruitment management applications that enable managers to evaluate staff and recommend appropriate training programs.
- Integrated a new news feed source for a client's news website, thereby increasing the website's content quality.
- Develop high-performance applications by writing testable, reusable, and efficient code.

- Collaborated with an agile team of 6 and helped build an application to track leave requests to increase control and have better monitoring of leave and absences in the company.
- Technologies : Javascript(ES6), Node.js, Typescript, Express.js, React.js, Mysql, PostgreSQL, MongoDB, Docker, Mocha, Jest, Serverless, Redis. Sequelize ORM.

System Trackers Technology
Backend Engineer - Nigeria.   March 2021 – March 2022
- Developed 50+ features across multiple client projects and created new software based on business requirements and specifications and with proper error handling.
- Contributed to building a stock tracker for a client to keep track of product stock. This app brought about efficiency in the client's business and led to 48% profit in 6months.
- Built a school management system for a client that brought about automation in the school administrative tasks, improved learning, and enabled the school to continue to run during the covid19 lockdown.
- Implement full user authentication, authorization, and data protection using Jwt access tokens, refresh tokens, and other technologies in an existing express application.
- Technologies : Javascript(ES6), Node.js, Typescript, Express.js, Docker, PostgreSQL, MongoDB, Jest.

System Trackers Technology
Software Engineer - Nigeria.   November 2019 – March 2021
- Collaborated with a team of 6 Engineers to develop and maintain several scalable, secured, and high-performant apps for company clients.
- Added Stripe payment functionality to a food booking application which led to a 70% profit rise within 2months.
- Ensured all privileged routes were protected accordingly by implementing user authentication and authorization to an existing travel application.
- <u>Technologies</u> : Javascript(ES6), Node.js, Typescript, Express.js, React.js, PostgreSQL, MongoDB, React.js, Redux, Jest, Heroku

EDUCATION
MICROVERSE
Remote Full Stack Web Development Program, Full Time
- Spent 1400+ hours working with other students from different parts of the world to build 47+ projects (individually and collaboratively) and solved 170+ coding challenges.

- Developed strong skills in remote pair-programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

NNAMDI AZIKIWE UNIVERSITY AWKA, NIGERIA
Electrical Engineering   October 2008 – August 2013

ADDITIONAL ACTIVITIES

Mentor (Remote Software Development Program) | Microverse | Bay Area, USA

PROFILES

LinkedIn: https://www.linkedin.com/in/chinasa-kalu/
Twitter: https://twitter.com/ultimate_nasa
GitHub: https://github.com/Nasa28