

# Chizindu David

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## Experience

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Backend Engineer, Alerzo Ltd. — Lagos, Nigeria

Jan 2022 – Present

- Worked with the Alerzo Shop backend team to maintain service architecture, implementing new features and fixing bugs
- Maintain open lines of communication and a proper feedback loop between key product stakeholders
- Update product schema and documentation across various microservices
- NodeJS, TypeScript, Docker, Redis, Express, GraphQL, Kafka, MongoDB, AWS, Postgres, Google Cloud Platform(GCP), Microservice Architecture

FullStack Software Engineer, Sensei AI — Texas, United States (Remote)

April 2021 – Jan 2022

- Setup automated deployment pipelines for delivering backend features
- Engaged in several product reviews to collaborate with Product Designers in designing the overall look of Sensei AI
- Implement voice and video calling on the web platform, using Amazon Chime SDK
- Participate in routine agile ceremonies, scrum meetings, standups etc
- AWS, NodeJs, Elastic Search, Kibana, TypeScript, Express, PostgreSQL, ReactJS, Redux-Saga, Digital Ocean

Software Engineer, United Bank for Africa Plc. — Lagos, Nigeria

Dec 2019 – Sept 2021

- Led a team to build and scale backend services for an Online Mobile Banking product that allows users carry out online banking transactions using a prepaid card or bank account
- Built a User Authentication Service to handle user identity management and implement Two Factor Authentication
- Fully integrated various third-party payment systems including MasterCard Payment GateWay Service(MPGS)
- Collaborated with a team to design API's for an in-house HR platform that automated HR processes such as Leave application, Transfers, Staff Exit, and Onboarding, etc
- Implemented User Access Control and Permissions by integrating the bank's Active Directory to authenticate staff and retrieve vital information.
- Docker, C#, ASP.NET, NodeJs, TypeScript, Express, GraphQL, Apollo, MongoDB, ReactJS, Redux, Microsoft Azure

Software Engineer, Andela Talent Accelerator Ltd. — Lagos, Nigeria

March 2019 – Sept 2019

- Implement highly secured backend systems that mitigate security threats like SQL Injection, Cross-Site scripting, OTP/Password bypass
- Collaborated with a backend team to build and maintain services for VOF Tracker, a platform used to track and manage the performance of bootcamp learners joining Andela's fellowship.
- Teamed up with other front-end developers in converting designed email templates, website pages and other material using front end frameworks
- Adhere to SOLID design principles to ensure proper scalability and high availability of service endpoints
- Designed unit and integration tests to test out newly implemented features
- TypeScript, NodeJS, Docker, ExpressJS, PostgreSQL, ReactJS, Redux, Django(Python)

Mobile Developer, Hephzit Tech — Lagos, Nigeria

July 2018 – Dec 2018

- Built a cross platform subscription based mobile application that allows users take trivia and compete under several categories
- Collaborated with creative designers to wireframe application prototypes and build beautiful, intuitive user interfaces
- Testing extensively on both iOS and Android platforms to ensure desired functionality is consistent

- Flutter/Dart, Figma, BLoC Architecture, Fastlane, XCode, Stripe, Auth0, SQLite

## Software Engineer Intern, Biomach Technologies — New Delhi, India (Remote)

Nov 2017 – May 2018

- Implemented real time Chat functionality using Websockets and temporarily persisted chat data on the server with time to expiry.
- Integrating API services with third party payment gateways like RazorPay and Stripe
- Implemented a matching algorithm to allow business owners track potential customers in their vicinity using Google's Geolocation Services
- Collaborated to build the web platform of Snail Inc, setting up deployment pipelines using Docker and AWS
- Fully built the internalization (i18n) feature on the web platform, implementing 3 international languages
- NodeJs, Express, Redis, AWS S3 Bucket. Docker, MongoDB Database, Websockets(Socket IO), Firebase

## Education

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University of East London — London, England  
Master's Degree, Computer Science

2022

Udacity  
Nanodegree, Cloud DevOps Engineer

2021

Niger Delta University — Wilberforce Island, Nigeria  
Bachelor's Degree, Microbiology

2016

## Skills

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AWS, Postgres, Docker, ReactJS, Redux, Redis, NodeJS, JavaScript, Firebase, GraphQL, MongoDB, SQL/MySQL, Ansible, TypeScript, Prometheus, Git & Github, CircleCI, Figma, Flutter(Dart), Cloud Infrastructure, Microservice Architecture, TDD, Version Control, Design Patterns, Scaling Systems, Agile, RESTful API, AWS Elastic Container Service

## Projects

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