

Desmond Edem

Backend Engineer

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meetkazuki

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Learn. Improve. Contribute. . .

Work Experience

2021

2024

Backend Engineer, STRV s.r.o, Prague, Czech

- Led technical discovery and architecture design for 6+ MVP projects, translating client visions into scalable solutions with average time-to-market of 8 months
- Designed and implemented cost-effective backend infrastructures for US-based startups, reducing initial cloud costs by up to 40% while maintaining scalability
- Architected database schemas and API structures that enabled seamless scaling from MVP to production, supporting 5x user growth without major refactoring
- Progressed from collaborative development to independently leading technical discussions with clients and defining solution architectures
- Established coding standards and review processes that reduced technical debt by 50% and improved maintainability across client projects

Tools: *TypeScript, Node.js, PostgreSQL, MongoDB, Redis, AWS Elastic Beanstalk, Heroku.*

2020

2021

Backend Developer, Pettysave Limited, Lagos State, Nigeria

- Assisted in developing server-based Node.js software by providing inputs and insights
- Improved peer review process by automating Pull Requests deployment and enhancing work collaboration between different stakeholders
- Increased customer retention by 27% by implementing email marketing automation across user journey, using Sendgrid
- Collaborated together with the product and marketing team to implement product-led growth strategies like in-app reward systems, gamifications and social features

Tools: *JavaScript, Node.js, Adonis.js, GraphQL, MySQL, Heroku.*

2020

2020

Fullstack Developer, Nester Global Solution Services, Lagos State, Nigeria

- Maintained, reviewed and developed the firm's enterprise and web solutions
- Involved with application management and monitoring
- Deployed solutions on Microsoft Azure and setting up cron jobs

Tools: *JavaScript, Node.js, Vue.js, MongoDB, Microsoft Azure.*

2019

2019

Backend Developer (Intern), DevCareers, Lagos State, Nigeria

Worked closely with a team of nine developers to build web applications for the organization. My responsibilities during this period was:

- Designed and configured a fully automated CI/CD lifecycle resulting in faster development time
- Implementing API endpoints for the Frontend team to work with

Tools: *JavaScript, Node.js, PostgreSQL, Heroku.*

2018
2019

Software Developer (Intern), Andela Nigeria, Lagos State, Nigeria

I was part of an AGILE team composed of a Product Owner, Project Manager, Technical Team Lead and five engineers tasked with building REST API endpoints for a travel agency web application using NodeJS, Sequelize, and PostgreSQL.

Tools: *JavaScript, Node.js, HTML/CSS, PostgreSQL, Heroku.*

Technical Skills

Languages	TypeScript, JavaScript, SQL
Databases	PostgreSQL, MongoDB, MySQL, Redis
Backend	Node.js/Express.js, Adonis.js, GraphQL, RESTful APIs
DevOps & Tools	Docker, Git, CI/CD Pipelines (Github Actions, Gitlab), AWS, Azure, Jest, Mocha
Architecture	API Design, Database Design, Event-Driven Systems
Methodologies	Agile/Scrum, Test-Driven Development (TDD), Technical Documentation

Other Professional Experience

2019
2020

Programming Tutor, CodeLagos, Nigeria

CodeLagos is an initiative of the Lagos State Ministry of Education aimed at making coding education accessible to Lagos State residents.

2022

Mentor, DevCareer, Lagos, Nigeria

DevCareer is a Non-Profit organization that is focused on supporting upcoming developers with resources to excel into world class.