

# Sodiq Dare

daresodiq000@gmail.com | +44 (0)7732082002 | London, United Kingdom

[github.com/horlaarsco](https://github.com/horlaarsco) | [linkedin.com/in/horlaarsco](https://www.linkedin.com/in/horlaarsco)

## PROFESSIONAL SUMMARY

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Experienced Software Engineer with over 5 years of expertise in solving complex problems and designing scalable systems. Demonstrated success in optimising infrastructure and developing efficient solutions for global users across multiple industries. Committed to enhancing product functionality and operational efficiency, with excellent organisational and planning skills.

## SKILLS

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**Programming Languages** TypeScript | Golang | GraphQL | SQL | JavaScript | Python | CSS  
**Libraries/Frameworks** MongoDB | React Native | Next.js | NestJS | NodeJS | ReactJS | Angular  
**Tools** Git | AWS | Terraform

## EXPERIENCE

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### Perlego

Jul 2022 - Present

Software Engineer

London, United Kingdom

- Contributed to the development and enhancement of a major internal framework built on top of AWS SAM for managing serverless applications and deployments, unifying codebases, improving efficiency and scalability for various internal projects.
- Successfully led a project to automate a scalable system for processing a large catalogue of over 1 million books, with capacity to handle future growth of up to 5x. Achieved a 98% reduction in processing time, optimising memory and CPU usage, significantly saving engineers' time and reducing processing costs.
- Integrated with multiple LMS (Learning Management Platforms) systems to enable seamless importing from an internal catalogue of over a million books while ensuring the security of the catalogue's content by implementing a custom Single Sign-On (SSO) solution.
- Won the Perlego AI Improvement Hackathon by developing and optimising a book content processor algorithm that utilised each book as a knowledge layer to enhance AI assistance for students.
- Ensured seamless transitions and improved system maintainability through meticulous planning, testing, and execution of service upgrades and database migrations, achieving 0 downtime and minimising operational disruptions.

### Lendsqr

Aug 2021 - Jul 2022

Software Engineer

Lagos, Nigeria

- Improved security measures with AWS networking by creating and managing private networks and gateways to control access to internal services.
- Managed infrastructure as code using Terraform, which significantly reduced the setup time for new services by over 20%. This initiative streamlined our deployment process and improved the efficiency of our development pipeline.
- Developed and deployed a custom email service using Amazon SES, capable of handling the sending of over 400,000 emails daily. This solution reduced costs by more than 90% compared to our previous SendGrid implementation, resulting in substantial savings and improved email deliverability.
- Designed and implemented a robust microservices architecture capable of supporting user growth from 200,000 to over a million users with less than a 5% increase in operational costs. Successfully managed the transition to this new architecture, maintaining continuous uptime and preventing any service disruptions.
- Designed and developed an automated onboarding system for new tenants in a multi-tenant application. This automation replaced the previous manual process, reducing the time required to onboard new clients by over 80%, accelerating business growth and improving customer satisfaction.

### ObigTech

Jun 2019 - Jul 2021

Software Engineer

Lagos, Nigeria

- Wrote reusable, testable, and efficient API code using NestJS, TypeScript, and GraphQL, ensuring high performance and scalability.
- Architected and developed frontend systems using ReactJS, focusing on creating responsive, user-friendly interfaces. Enhanced the user experience and optimized application performance through efficient design and development practices.
- Collaborated closely with the product management team and front-end engineers, incorporating their feedback to enhance product functionality and user experience.

## EDUCATION

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### MSc Computer Science (Software Engineering)

2024 - 2026

Sheffield Hallam University

Sheffield, United Kingdom

### Higher National Diploma (Mechanical Engineering)

2014 - 2019

Yaba College of Technology

Lagos, Nigeria

### Web Development

Aug 2018 - Dec 2018

Tutors learners worldwide

### Web Development

Jan 2015 - Dec 2015

CodeLagos