

MATTHEW OPOOLA

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Summary

With over 3 years of experience, I have been passionate about building, testing and managing products that seek to make real impact in people's lives. I have helped companies to meet 100% goals and targets. I am a clean code advocate, with deep understanding of OOP and SDLC concept. I love building complex logical systems that are easily maintainable. I am experienced with leading teams of different sizes and working with Agile methodologies.

Experience

Software Engineer

(2023 - Present)

Federal Mortgage Bank, Abuja, Nigeria

- Architected scalable full-stack solutions using ReactJs, TypeScript, and Node.js (Express). (Such as GateKeeper: Visitor's Management System, Content Management System (CMS))
- Developed and maintained systems to automate the bank processes
- Implemented and tested third party providers' payment gateways (such as Remita and e-Transact)
- Built and optimized RESTful and tRPC APIs, enhancing platform functionality.
- Managed the software development lifecycle, delivering high-quality features on time.
- Led CI/CD pipeline automation with Jenkins, GitHub Actions, and Docker for seamless deployments.
- Engineered and tested scalable microservices architecture with Typescript/Express and Sequelize, enhancing system security and performance like the Tariff system
- Optimized databases with Prisma and PostgreSQL, MySQL, improving query efficiency.
- Conducted code reviews, enforcing best practices and testing of product performance done by contractors (Such as Fintrak Core Banking Application).
- Conducted code reviews, enforcing best practices and mentoring junior developers.
- Containerized applications and managed deployments, ensuring scalability and resource efficiency.
- Secretary for the Software Unit reviewing proposal and communicating with the Management and other Groups/Department on Software Changes and Information.

Software Engineer

(2021 - 2023)

Dangote Group (Nascon), Lagos, Nigeria.

- Led a team of three engineers, providing guidance in best software practices, hardware maintenance practices

- Proposed a Clock-In Attendance Management System for the entire organization
- Optimized deployment processes for faster releases and minimal downtime, incorporating strategies such as blue-green deployments and canary releases.
- Integrated Redis caching, resulting in a **60% reduction** in response time and a **75% increase** in concurrent user capacity
- Collaborated with over 5 teams to solve operational problems and enhance internal tools using Javascript/ReactJs
- Developed and maintained CI/CD pipelines to automate the software development lifecycle, from code integration and testing to deployment.
- Rendering IT support to department

Education

Caleb University, Lagos
Computer Science

BSc (2021)

Skills

Languages

JavaScript, PHP, Typescript

Databases

MySQL, No-SQL

Frameworks

JQuery, Laravel, NextJS, Prisma, tRPC, GIT/Github
RESTful API, JSON, AWS, Vue.js, React

Certifications

Laravel E-commerce REST API (UDEMY)	(2020)
Front-End web UI framework: ReactJs (Honk Kong University [Coursera])	(2020)
Restful API with Spring boot + JPA + Cloud (UDEMY)	(2022)

Publications

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- [WebAssembly \(Wasm\): Exploring How it Enhances Frontend Performance.](#)
 - [Beyond React: A Look at Svelte and Inferno for Blazing-Fast User Interfaces](#)

Soft Skills

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- Analytical and conceptual thinking, with a conscientious approach to managing workloads.
 - Accomplished communication skills, both written and verbal, developed through numerous essays and presentations.