Ubongabasi Tommy

SOFTWARE ENGINEER

🌐 [Website](#)

in [Linkedin](#) | ✉ tommyubongabasijohn@gmail.com | ⌨ [Github](#)

PROFESSIONAL SUMMARY

Software engineer with 4+ years of experience who is excited by opportunities to solve challenging problems. Experienced with working in dynamic and distributed teams across various time zones. Adaptable and solution-oriented, I thrive in collaborative environments and I am always ready to tackle new challenges. I am currently looking into client side development with React and React native and building AI systems. I am fluent at speaking and writing english language

SKILLS

Languages: Golang | Nodejs (Javascript | Typescript) | Python   **Database**: PostgreSQL | MySQL | MongoDB **Tools**: Git | Docker | AWS

WORK EXPERIENCE

Gigbanc   **Software Engineer**   **11/2023 - Current**

Gigbanc empowers freelancers and remote workers from Africa by providing a platform to easily receive and spend foreign exchange. Over 50,000 african remote workers currently use Gigbanc to receive and spend foreign exchange.

Technologies: Golang, Gin, *Docker & PostgreSQL.*

• Key part of developing the kyc service, **integrating 3rd party providers** and building custom solutions. Led to verification of over **10,000 users in the first 3 months**

• Implemented the company's virtual card offerings. **Ensured high fault tolerance of interconnecting services. Accounted for 50% rise in user acquisition within the first two months of launch.**

• Built the backend of an admin dashboard for managing virtual accounts, improving **operational efficiency by 50%.**

• Part of the first 10 hires, **contributed to team building and setting up of efficient development practices in a distributed remote** setting.

Globalpay   **Backend Engineer**   **06/2023 - 04/2024**

Globalpay is a leading POS solution provider in Nigeria serving thousands of small and medium scale businesses.

Technologies: *Nodejs, Python, Typescript, PostgreSQL*

• **Sole developer of a highly performant and fault tolerant settlement engine** processing an average of $40K daily and up to $6M during my tenure, implemented efficient monitoring and tracking.

• **Built and maintained a highly performant backend** for customer and admin facing dashboard, improved performance by 80% when compared to existing systems.

• **Implemented RBAC for secure data access** between 5 levels of organizational clearance.

• **Comprehensive documentation** of all APIs and design and implementation decisions, improved developer onboarding time by 80%

Stanlab   **Software Engineer**   **12/2022 - 09/2023**

Stanlab is an edtech platform democratising access to labs for high school students through the use of virtual laboratories. Stanlab also provides features for teachers and students to have a seamless experience by providing teaching and learning assistants available online.

Technologies: *Nodejs, Typescript, Javascript, Python, MongoDB, Websockets.*

• Developed an **AI-powered teaching assistant** platform with **real-time content streaming** for 10k+ students and over 500 teachers.

• **Integrated GPT-3.5** for automated grading, saving 25+ hours/week in manual workload according to user reviews.

• **Migrated the existing codebase from javascript to typescript** improving developer experience and reduction in feature development time by 50%

• Resolved several critical bugs and participated in code reviews, improving system stability by 40%.

Waliyy   **Backend Engineer**   **08/2022 - 11/2022**

Waliyy is an online platform that helps match young muslims with suitable partners based on their preferences.

Technologies: *Nodejs, Typescript, Javascript, MySQL.*

• Built and deployed the backend of the application's MVP, implemented features like the recommendation system for the platform and other endpoints.

• **Integrated a robust payment gateway and subscription model** to support payments and subscriptions in 5 different currencies.

• Wrote **unit and e2e tests** for different features and flows.

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WORK EXPERIENCE

Middey **Software Engineer** **05/2021 - 09/2022**

Middey is a fintech platform based out of Abuja, Nigeria that provides financial services to its customer base. Its offerings include fund transfer, bill payment and automated payroll processing for businesses.

Technologies: *Nodejs, Typescript, Python, MySQL.*

• Worked on the bill payment feature and **integrated primary and secondary(fallback) third party providers** to ensure continued reliability and uptime

• Added support for business accounts and employee data management, this served as a building block for implementing the automated payroll processing system.

HNG **Software Engineer Intern** **09/2020 - 12/2020**

HNG is an annual internship program providing real world challenges to up and coming engineers globally.

Technologies: Golang, *Nodejs, Typescript, Javascript, MySQL.*

• FInalist (Top 1%) of software engineers in the 3 month program.

• Led a backend team to build a platform to enable job seekers manage and track their job applications.

• Learned how to function effectively in a distributed remote setting and benefitted from code reviews conducted by experienced engineers.

PROJECTS

[configgo](#)

Developed configgo, a configuration parser for golang application, think dotenv for golang apps. Still improving it during my spare time. Goal is to add support for different config formats including Yaml.

• Using **reflection** to inspect and modify struct fields and properties

• Implemented tag parsing to provide validation capabilities to the package.

Technologies: *Golang*

[schat](#)

Built the backend of a chat application to teach myself how to manage websocket communications.

• Using **goroutines** to manage multiple websocket communications

Technologies: *Golang*

HONORS & AWARDS

• **Distinguished Performer (3x)**: Performance review at Gigbanc