

Owhondah Okechukwu Samuel

okechukwusamuel16@gmail.com | +44 78 2370 0873 | <https://www.linkedin.com/in/okechukwu-samuel-owhondah-660328208/> | <https://psami.com>

PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience designing and shipping full-stack web applications across frontend and backend disciplines. Skilled in JavaScript, TypeScript, Python, React.js, Django, and Node.js, with hands-on experience in cloud deployment, CI/CD automation, real-time systems, and third-party API integration. Currently pursuing an MSc in Computing (Software Engineering) at the University of Northampton.

EDUCATION

University of Northampton <i>Master of Science: Computing (Software Engineering).</i>	Northampton, United Kingdom <i>September 2025 - Present</i>
Federal University of Technology, Owerri <i>Bachelor of Engineering: Electrical and Electronics Engineering.</i>	Imo, Nigeria <i>September 2016 - May 2023</i>

EXPERIENCE

Frontend Engineer <i>Zimmerman B.V</i>	December 2023 – Present <i>Remote, The Netherlands</i>
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- Integrated Apache ECharts with D3.js to enable dynamic chart rendering from user-uploaded datasets.
- Converted Figma designs into functional client applications using React.js and TypeScript.
- Implemented OAuth authentication on the client application using Auth0.
- Connected client platforms to Strapi CMS to support internationalization.
- Wrote end-to-end tests for client platforms using Cypress to ensure functionality and prevent regression.
- Implemented server-side caching using Redis and Loopback.js to improve application performance.

Full-Stack Engineer <i>Techsemester</i>	February 2023 – November 2023 <i>Remote, Nigeria (Part-Time)</i>
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- Built the full-stack application for talnts.app using React and Django, including user authentication via Google OAuth and password login.
- Implemented push notifications using Firebase Cloud Messaging.
- Adopted Recoil.js for scalable and efficient state management, improving application data flow.
- Deployed backend microservices on AWS EC2 with Docker and configured CI/CD pipelines using GitHub Actions.

Full-Stack Engineer <i>Alajo</i>	May 2022 – February 2023 <i>Lagos, Nigeria</i>
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- Built a live location tracking map for company agents using Google Maps APIs and Firebase, integrated with company devices.
- Developed an admin dashboard for user and agent activity management using React and Next.js.
- Incorporated interactive data visualizations using React Chart.js to display transactions and cash inflow in the admin dashboard.
- Integrated SMS notifications to enhance user confidence in transaction security.
- Introduced a USSD service giving customers internet-independent access to company services.

Full-Stack Engineer <i>MyQuba</i>	January 2022 – May 2022 <i>Remote, Nigeria (Contract)</i>
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- Improved frontend performance and SEO by implementing server-side rendering with Next.js.
- Deployed frontend and backend applications on Ubuntu servers using Docker.

Backend Engineer <i>Duduzili</i>	November 2021 – December 2021 <i>Remote, Nigeria (Contract)</i>
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- Developed and refined API endpoints for the web application using Django, resolving existing bugs in collaboration with the backend team.
- Introduced WebSocket support to enable real-time messaging and enhance notification capabilities in the chat application.

PROJECTS

Rie Ticket

- Built a web application for purchasing event tickets using React.
- Integrated Paystack as a payment gateway to streamline the ticket purchasing process for users.

Billza

- Developed a mobile application for bill and utility payments using Django.
- Integrated virtual bank accounts with Monnify to enable users to fund their accounts.
- Built a flight booking system allowing users to book flights to global airports and transact in Naira currency using Tiqwa.

SKILLS

Languages: JavaScript, TypeScript, Python

Frontend: React.js, Next.js, Redux Toolkit, Recoil.js, Tailwind CSS, Styled Components, Sass

Backend: Node.js, Django, FastAPI, Nest.js, SQLAlchemy

Databases: PostgreSQL, MongoDB

DevOps & Tools: Docker, AWS, GitHub Actions, Git, Redis