

SAMUEL FANAWOPO

✉ sfanawopo@gmail.com [in LinkedIn](#) [GitHub](#)

Education

University of Kent

Bachelor of Science, Software Engineering

Sep 2023 – May 2026

Kent, England

Experience

Software Engineer

OrthoMemory

Sep 2023 – Present

London, England

- Contributed to the design and development of a memory enhancement app using **React Native**, **TypeScript**, **Java**, **Spring Boot**, **GraphQL**, **PostgreSQL**, **Redis**, and **Firebase**. Integrated the **SuperMemo** algorithm, increasing user retention by **45%** and improving learning efficiency by **60%**.
- Optimized deployment and infrastructure with **Cloudflare** and **AWS**, reducing server costs by **20%** and achieving **99.9% uptime**. Utilized **Grafana** and **Prometheus** for detailed logging and application management to ensure high availability.

Software Engineer Intern

Curated Loop

Feb 2024 – May 2024

London, England

- Collaborated with the **CTO** to develop the **MVP** for a B2B SaaS platform in the fashion industry using **React**, **TypeScript**, **Next.js**, **Node.js**, **Express.js**, **MongoDB**, and **AWS**. Developed the MVP in **3 months**, significantly accelerating the company's go-to-market strategy and attracting early adopters.
- Implemented advanced features and performance optimizations, improving page load times by **35%** and enhancing user experience. Focused on enhancing security measures and ensuring high availability to meet the dynamic needs of fashion brands.

Software Engineer

Enzyme Equity

Sep 2022 – Sep 2023

London, England

- Engineered a web-based internal tool with **React**, **TypeScript**, **Java**, **Spring Boot**, **MySQL**, and **Docker** to consolidate company-wide communication and project management. Streamlined communication processes, reducing internal communication costs by **25%** and improving operational efficiency by **30%**.
- Developed and implemented real-time messaging features, leading to a **40% increase in team collaboration efficiency**. Eliminated dependencies on external communication tools, optimizing internal workflows and enabling more efficient project tracking and management.

Software Contractor

Freelance

Jan 2022 – Present

London, England

- Engineered full-stack software solutions across various industries—including e-commerce, finance, and technology—utilizing technologies such as **React**, **Node.js**, **Java**, **Spring Boot**, and **AWS**. Developed innovative front-end designs, efficient back-end systems, and effective cloud integrations customized to client-specific requirements.
- Completed over **15 client projects**, resulting in a **100% client satisfaction rate**. Achievements include creating scalable solutions that reduced code maintenance overhead by **40%** and streamlined update processes.

Projects

InvestInquire | *React, TypeScript, Java, Spring Boot, GraphQL, Firebase, Redis, Docker, Grafana, Prometheus*

- Developed a financial data platform utilizing **React**, **Spring Boot**, and **GraphQL** for efficient data handling, integrated with **Cloudflare CDN** and **AWS EC2** for optimal content delivery, managing dynamic market data. Handled real-time data feeds with over **1 million data points per day**.
- Implemented secure authentication with **Firebase Auth** for real-time financial updates, leveraging **Redis** for caching and **Docker** for containerization. Achieved **99.9% uptime and reduced latency by 40%** through optimization. Utilized **Grafana** and **Prometheus** for monitoring and performance management.

Proshop | *React, TypeScript, Redux, Golang, GraphQL, MongoDB, React-Bootstrap, Nginx, AWS, Linux*

- Developed an e-commerce platform using **Go** for backend efficiency and **GraphQL** for streamlined data querying. Enhanced security with **JWT** in HTTP-only cookies for secure authentication and **MongoDB** for robust data storage. Built a scalable platform capable of handling over **10,000 concurrent users**.
- Improved page load times by **50%** and increased user engagement by **25%** by optimizing hosting and scalability on **AWS with Ubuntu EC2**, using **Nginx** as a reverse proxy for efficient traffic management. Integrated multiple payment methods, and interactive product ratings and reviews.

Technical Skills

Languages & Front-End: Java, Python, Golang, JavaScript, TypeScript, React, React Native, Next.js, HTML, CSS
Back-End & Databases: Spring Boot, Node.js, Express.js, GraphQL, MySQL, PostgreSQL, MongoDB, Redis, Firebase
Cloud & DevOps: AWS (EC2, S3, CloudFront), Docker, Nginx, Cloudflare, Grafana, Prometheus