

Osasenaga Emokpae

+44 7552208513

osase.o.emokpae@gmail.com

[linkedin.com/in/osasenaga-e](https://www.linkedin.com/in/osasenaga-e)

Education

The University of Manchester

Sep 2019 – Jul 2023

Master of Engineering in Computer Science (First Class)

Manchester, UK

Modules In: Software Engineering, Data Science & Engineering, Machine Learning, Cyber Security, Algorithms and Data Structures.

Experience

Krescendo

Sep 2023 – Dec 2023

Full Stack DevOps Professional

London, UK

- Developed Java API controllers, Vue.js frontend, enhancing UX and system performance.
- Boosted application performance 80x through code optimization, streamlined database queries.
- Implemented CI/CD pipeline for streamlined development and reliable releases.

Tech First Impact

Nov 2021 – Jan 2022

Software Developer

Manchester, UK

- Collaborated on gamified recycling web app for Medlok Primary.
- Developed progress tracking feature to enhance learning engagement.
- Ensured code quality and functionality through unit and user acceptance testing.

Stendhal

Sep 2020 – Feb 2021

Java Developer

Manchester, UK

- Collaborated on "Stendhal" game development (Spring framework) – added new features.
- Increased code quality with unit/acceptance tests (Java), achieving 85% coverage.
- Streamlined development workflow using Git for version control and pull requests.
- Directly contributed to new in-game items and NPC interactions for enhanced gameplay.

Projects

Parkinson's Tremor Amplitude Estimator

Sep 2021 – May 2022

Python, OpenCV, MediaPipe

Manchester, UK

- Developed Python/OpenCV app for Parkinson's tremor analysis – leveraged stereoscopic vision, MediaPipe for 90% detection accuracy.
- Performed data collection and cleaning to optimize and validate the tremor detection model

Creative Consultant

Aug 2019 – Present

Freelance

London, UK

- Founded and led a highly-rated design group, attracting 200+ clients with 5-star reviews.
- Provided comprehensive logo design and brand identity development services to over 400 businesses worldwide.

Tech Stack

Languages: Python, Java, JavaScript, TypeScript, Go, Haskell, MongoDB, SQL

Technologies: React, Vue.js, Next.js, Spring Boot, Express.js, MySQL, Firebase, Git, Vagrant, Docker, Adobe Creative Suite (Photoshop, Illustrator, Lightroom, InDesign)