

Grace Okolo

SOFTWARE ENGINEER / ANTWERP, BELGIUM

Thoughtful engineering. Software that moves a business forward.

linkedin.com/in/grace-okolo

PROFILE

Software engineer with a full-stack background, connecting stakeholder needs with robust, maintainable systems. I own work from scoping and API collaboration to tested interfaces and delivery, with a focus on clear architecture and practical business-process improvements.

EXPERIENCE

Lighthouse

Dec 2022 - Present

Software Engineer

- Sole frontend engineer on my team, owning feature scoping, API collaboration, implementation, testing, and release.
- Build with Ember.js and TypeScript and contribute React 19 features during the migration, using TanStack, Vite, and Vitest.
- Develop data-heavy analytics and validated import flows; improve state management and CSS architecture. Support quality delivery through tests, code review, and feature flags.

IMDC

Aug 2020 - Nov 2022

Full Stack Software Engineer

- Build a water-engineering data platform with Python/Django REST Framework and Vue.js/JavaScript, translating stakeholder workflows into practical software.
- Handle large time-series datasets and visualizations supporting government offices monitoring water levels.

Osmosis

Jan 2019 - Jul 2019

Full Stack Software Engineer

- Build Python/Django REST Framework services and Angular/TypeScript interfaces, connecting application requirements with working software.

TECHNICAL STRENGTHS

Frontend: React, TypeScript, Ember.js, Vue.js, Angular, TanStack, Vite.

Backend & data: Python, Django REST Framework, PostgreSQL, API design, data modeling.

Quality & practice: Vitest, MSW, Testing Library, Git, Agile/Scrum, stakeholder collaboration. AI-assisted planning and development with ownership of engineering judgment.

EDUCATION

University of Tartu | Master's, Software Engineering | 2017 - 2019

Project-based study: machine learning, data visualization, software product management, systems modeling, and business-process modeling, management, and optimization.

University of Hertfordshire | Bachelor's, Information Technology | 2011 - 2013

First Class honours