





Maurice Van Wassenhove

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Passionate software developer looking to make a difference; building correct, secure, and efficient software.

Education



Ghent University

Master of Science in Computer Science Engineering

Ghent, Belgium

2022 - 2024

- Thesis: Air Drumming: Applied on-device body pose estimation
- Courses: Data Quality | Big Data Technology | NoSQL Databases | Cloud Storage and Computing | Discrete Algorithms | Computer Graphics | Fundamentals of Musical Acoustics and Sonology



Ghent University

Bachelor of Science in Computer Science (cum laude)

Ghent, Belgium

2019 - 2022

- Minor: Electrotechnique & telecommunications



College Petrus & Paulus

General Secondary Education: Latin-Maths

Ostend, Belgium

2013 - 2019

Professional Experience



Esko

Software Developer

Ghent, Belgium

September 2024 - ...

- Expanding and maintaining the core functionality and infrastructure of their cloud services built on AWS.

Scala Java AWS Elasticsearch DynamoDB



Guardsquare

Software Developer Internship

Leuven, Belgium

July - August 2023

- Mainly worked on improving the error messages thrown by the proguard-core [open source project](#).
- Created an internal tool [to visualize the proguard core reasoning using compose multiplatform](#).

Java Kotlin Gradle Compose Multiplatform Java Bytecode



Stampix

Student Software Developer

Ghent, Belgium

July 2022

- Responsible for creating the new shop page for the Stampix mobile application.

TypeScript React Native GraphQL Full-Stack Development



Stampix

Student Software Developer

Ghent, Belgium

July 2021

- Responsible for adding the ability to buy extra products at the checkout page, both in the frontend and backend of the site.
- Constructed the complete track and trace page for customer orders.

TypeScript React Python SQL Full-Stack Development

Projects

Plan A

REST-API using Rust, OpenAPI and Postgres

Ghent, Belgium

Present

- Together with some friends we are working on bringin an app onto the market, called Plan-A. The application was developed as a master thesis project on facilitating routines and planning for children with autism spectrum disorder (ASD) and their parents or caregivers.
- The web api is built using Rust and the Poem OpenAPI web framework, leveraging the power of Rust to build a REST-API that is conform to the OpenAPI specification.
- Using Postgres and Sqlx for SQL Database migrations and compile-time checked queries.
- As the project requires storing sensitive data, we built the authentication and authorization schemes following the OWASP Foundation recommendations.

Certificates

- 2019 **Fourth Degree in Music: Classical Piano**, Conservatorium Aan Zee, Ostend
- 2019 **International Driving License: Category B**, EU
- 2019 **Initiator Tennis Coach**, Sport Vlaanderen
- 2018 **First Aid Certificate**, Red Cross (Belgium)

Skills

- Languages** Dutch (Native) | English (Fluent) | French (Basic)
- Programming Languages** Rust | Scala | Kotlin | Java | C++ | C | JavaScript | TypeScript | Bash | Assembly | Haskell | Prolog | Python | HTML | CSS
- Tech & Others** Git | GitHub Actions | Typst | Linux | REST | OpenAPI | Agile | Semantic Versioning
- Personal Interests** Piano | DJ'ing | Yoga & Pilates