



Duncan De Vlamincq

Software Engineer



21/06/2000

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Profile

Software Engineer with experience in ERP systems, full-stack development, and AI-assisted workflows. Currently focused on building and improving Optimus (ERP) at Team Solutions, including modern planning tools, AI-powered automation, and web-based interfaces within FileMaker. Strong interest in agentic coding and developer productivity.

Experience

Software Engineer — [Team Solutions](#), Ternat

01/2023 – present

ERP software company developing Optimus for service and project-based organizations

- Develop and maintain Optimus (ERP) using FileMaker, including new features, improvements, and bug fixes
- Designed and built modern planning systems (site planning, project planning, project job planning) to replace legacy FileMaker interfaces
- Developed advanced planning UIs using FileMaker webviewers (HTML, CSS, JavaScript), including drag & drop scheduling, filtering, load indicators, and multi-job operations
- Contributed to AI-powered workflows using OpenAI API, including email classification and automated processing of invoices and order confirmations into structured ERP data
- Implemented structured data extraction using JSON schemas integrated with FileMaker scripts
- Applied agentic coding workflows (ChatGPT, OpenAI Codex, OpenCode), including structured project setups (AGENTS.md, skill-based agents, planning/build/review cycles)
- Contributed to infrastructure maintenance and gradual migration from on-premise servers to Azure

Web & Mobile Developer — [Codify](#), Aalst

10/2021 – 08/2022

- Developed web and mobile applications using React and React Native
- Built APIs and backend logic using Node.js, Koa.js, and GraphQL (Apollo)
- Implemented new features, fixed bugs, and deployed applications

Intern Web App Developer — That's Why, Wevelgem

02/2021 – 06/2021

- Researched Flutter and React Native through comparative development of a web shop application
- Performed technical analysis and contributed to code reviews

Projects

M&V Events (mobile app)

2022 – present

- Developed a mobile app for digital savings cards and reward systems
- Focused on frontend development using React Native and TypeScript
- Integrated authentication (JWT), GraphQL state management, and REST APIs
- Published the app to the [Google Play Store](#) and the [Apple App Store](#).

Skills

Programming Languages

JavaScript, TypeScript

Core Development

FileMaker (ERP development), Web-based interfaces (HTML, CSS, JavaScript within FileMaker), REST APIs, GraphQL

Frameworks & Tools

React, React Native, Node.js, Flutter, Git

Data & Systems

SQL, Docker

AI & Development Workflow

OpenAI API, structured data extraction (JSON schemas), agentic coding (ChatGPT, Codex, OpenCode), AI-assisted development workflows

Education

Professional bachelor Multimedia & Creative Technologies — Howest

2018 – 2021

Industrial ICT — KA Geraardsbergen

2016 – 2018

Languages

Dutch – Native

English – Fluent

French – Professional working proficiency

German – Basic