



Thomas Flantua

Junior Software Engineer

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A hard-working engineer who wants to use his skills and passion to help shape a company mission. Experienced with technology, including social media platforms and office software. He brings strong computer skills, a positive attitude, and the motivation to quickly master new tools and workflows.

.NET & C#

Applications and services with a practical engineering mindset.

AI & OCR

Machine learning, schematic recognition, and image classification.

Entrepreneurial

Combining technology with customer-focused thinking.

2020

Avans

Technical Informatics

2021

BijGepast

Co-owner

2025

Optimization

Graduation internship

Now

Software Engineer

.NET, C#, and automation

Skills

What I already know

React.js 1/5 TypeScript 4/5
PostgreSQL 1/5 Firebase 1/5 C 2/5
Csharp 4/5 Java 5/5 Flutter 3/5
Kotlin 4/5 .NET 5/5 node.js 3/5
Python 4/5 Docker 4/5
linux Ubuntu 4/5 Azure 3/5
Azure DevOps 3/5 Jira 4/5 Scrum
PyTorch 4/5 YOLOv8 4/5
Tesseract OCR 3/5 GoogLeNet 3/5

What I still want to learn

Domain Driven Design
Event-Driven Architecture BPMN
Business Analysis Kubernetes Terraform
Bicep LangChain LangGraph

ONNX Runtime 2/5 OpenCV 2/5
Azure OpenAI 2/5 Webflow 3/5
Google cloud 2/5 Visual studio code 4/5
Visual studio 2/5 intelliJ 4/5
Astro 2/5 Avalonia 2/5

Languages I speak

Dutch native English B2

Experience

Junior Software Engineer

August 2025 - now

Optimization

- Develops and maintains the Optima Platform, a modular ecosystem for panel-building automation.
- Builds and improves applications and services with .NET, C#, Blazor, Radzen, and Avalonia.
- Contributes to Docker-based Linux environments, including CI/CD, version control, and deployment processes.

Technologies: .NET, Csharp, Blazor, Radzen, Avalonia, Docker, linux Ubuntu, Azure DevOps, Bitbucket, Jira, Visual studio

Fresh Produce Employee

June 2018 - August 2025

Dirk van den Broek

- Worked at Dirk alongside my studies, starting there at the age of 16.
- Gained experience in customer service, teamwork, and taking responsibility in a dynamic environment.
- Learned to keep an overview during busy periods and to guide colleagues when needed.
- Strengthened communication and interpersonal skills through daily contact with customers, colleagues, and supervisors.
- This experience contributed to my professional attitude, discipline, and sense of responsibility.

Skills:

Graduate Intern

February 2025 - July 2025

Optimization

- Completed my graduation internship within the PanelVision project.
- Worked on an automated system for reading electrical schematics using machine learning.

- Developed a modular solution with .NET, Python, Docker, YOLOv8, OCR, and image classification.
- Gained experience with CI/CD, Jira, code reviews, and working in a professional DevOps environment.

Technologies: .NET, Csharp, Blazor, Radzen, Python, PyTorch, Tesseract OCR, YOLOv8, GoogLeNet, Docker, Jira, Visual studio

Intern

September 2022 - February 2023

ABF Bearings / ABF Motors

- Interned in a technically oriented work environment.
- Worked on a project in which machine learning was applied.
- Gained experience with Azure, Google Cloud, and Linux-based environments.
- Worked both independently and collaboratively on technical challenges.
- Built professional experience within a company setting.

Technologies: Azure, Azure DevOps, Google cloud, linux Ubuntu, Visual studio

Co-owner

October 2021 - now

BijGepast

- Co-owner of BijGepast, a business focused on websites and digital solutions for small and medium-sized companies.
- Gained experience with entrepreneurship, customer-oriented thinking, and setting up digital projects.
- Worked on concept development, web design, and the technical implementation of websites.
- Collaborated with partners on services around websites, application management, and online visibility.

Technologies: Webflow, Flutter, Visual studio code

Projects

EXR1 Autonomous Driving

February 2023 - June 2023

During my Technical Informatics studies at Avans Breda, we were asked to explore how the EXR1 robot could be monitored and controlled remotely. To support that, we built our own application to visualize operational data. The goal was to understand how remote-control systems can be implemented to coordinate the robot and how a human operator can interact with it effectively.

Set up infrastructure and helped keep planning clear for the team.

Make robot data understandable for remote monitoring and control.

An application concept that gives an operator better insight into the EXR1 robot.

Team: 4 people

My role: Infrastructure, Planner

Company: EXRobotics

Category: Data structures, Robotics, Education

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process.

Technologies: Azure, linux Ubuntu, Visual studio code

Quissteling

April 2021 - June 2021

Essteling is a fictional theme park focused on immersive attractions and innovation. For this project, we designed an app concept in which sensors and actuators create an interactive visitor experience. The goal was to propose a creative and cost-effective way to keep visitors actively engaged with the park.

Combined front-end work, mobile development, UX design, and code maintenance.

Design an interactive park experience around sensors and actuators.

An app concept that actively involves visitors in the attraction experience.

Repository: <https://github.com/tflantua/Quissteling>

Technologies: Java, C, Android studio

Picum

September 2021 - January 2022

This project involved a team of ten people. Half of the team focused on project planning and handover, so the other half could build the application in the following period. That made strong documentation and a clean transfer of ideas more important than immediate implementation.

Contributed to design, front-end work, and handover of project ideas.

Keep agreements and plans clear within a large student team.

A stronger project foundation for the implementation group that followed.

Repository: <https://github.com/tflantua/Quissteling>

Technologies:

Stadszicht

May 2016 - July 2018

This project was similar in context to Picum, but here I was part of the implementation team. My focus was on building working application features rather than only preparing the handover.

Built back-end parts within the implementation team.

Translate a prepared concept into working application features.

Practical experience building software within a larger team.

Team: 10 people

My role: Back-end developer

Company: None

Category: Mobile app, Education

Technologies: Java, Android studio, Kotlin

BijGepast

January 2024 - now

BijGepast is a website we are currently building as part of our own business. Our goal is to give it a calm, professional, and visually appealing look and feel.

Worked on implementation, planning, and team coordination.

Turn a calm and professional visual direction into a working website.

An online foundation for BijGepast's services and visibility.

Team: 3 people

My role: Back-end developer, Front-end developer, Planner

Company: BijGepast

Category: Website, Own business

Technologies: Webflow

Education

Technical Informatics

September 2020 - July 2025

Avans University of Applied Sciences, Breda

Bachelor of Science, completed in July 2025

Plan van je leven

September 2023 - February 2024

HU University of Applied Sciences Utrecht

Minor in pedagogy