Thibaut **van Bergen**
Freelance Full-Stack Engineer

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Pieter de Hooghstraat 29A, 3117TM Schiedam, Netherlands
Born 24 februari 1993 in Amstelveen, Netherlands

Freelance Full-Stack Engineer with 5+ years of experience in greenfield projects in the (Python) software engineering space, developing products from conceptualisation to market launch. Strong advocate of clean & maintainable software, efficient workflows and clear & concise communication for optimal collaboration.

💼 Experience

Oct 2023 – June 2022
Lead Python Engineer + Scrum Master @ Ebitwise, Amsterdam, Netherlands
- Launched Dashwise, Ebitwise's financial dashboard application, from early concept to first sale
- Built entire architecture i.e. frontend, backend, database, CI/CD pipeline and cloud infrastructure (Python, React, Terraform, GCP)
- Set up software team's Agile / Scrum workflow and managed project as Scrum Master

Oct 2022 – Feb 2021
Python Software Engineer + Scrum Master @ Avonic, Delfgauw, Netherlands
- Developed CamDirector, Avonic's automated lecture recording solution, from prototype to first sales
- Developed application's UI and API, and improved overall software architecture (Python, React)
- Set up software team's Agile / Scrum workflow and managed project as Scrum Master

Mar 2020 – Dec 2018
Python Software Engineer @ Fleet Cleaner, Delft, Netherlands
- Delivered proof-of-concept of a localization system for the ship-hull-cleaning robot enabling centimeter-level accuracy, based on target tracking by using computer vision in sonar images
- Developed computer vision, target tracking and localization pipeline from the ground up (Python)

Nov 2018 – May 2018
Research and Development Engineer @ NEC, Tokyo, Japan
- Delivered functional prototype for automated speech indexing as part of NEC's IoT research
- Developed both software (computer vision, data processing pipeline in Python and Arduino) & hardware (housing, sensors and circuitry) of embedded system

☰ Skills

Software Engineering	Object Oriented Programming & Design (Python)
Web Applications	RESTful APIs (Flask), User Interfaces (React, JavaScript, HTML, CSS), Databases (SQL)
DevOps	Version Control (Git), CI/CD pipelines (GitHub Actions), Containerisation (Docker), Infrastructure as Code (Terraform), Scripting & Automation (Bash, Python), Cloud Computing (Google Cloud)
Project Management	Agile / Scrum, Workflow automations (Confluence, Jira, ClickUp, GitHub)

🗚 Languages

ENG ●●●●●
NED ●●●●●
FRA ●●●●●
ESP ●●●○○

👍 Strengths

- Growth mindset
- Complex problem solving
- Pragmatic & result-driven
- Teamwork & workflow optimisation
- Multicultural interpersonal skills

🎓 Education

Mar 2020 – Sep 2016
MSc Mechanical Engineering (BioRobotics), TU Delft, Netherlands
- Master's Thesis : Drift-free Localization of Ship-Hull Cleaning Robots on Flat Bottoms
- 2nd overall at MAVLab's Autonomous Drone Competition
- Chairman of study association's executive board (±100 active members)

🌐 Additional Information

Interests	Traveling (±35 countries). Personal development. Psychology. Philosophy. Languages and Culture.
Sports	Field Hockey (played at National U17 League). Skiing. Karting. Surfing. Football.