



Aiken van der Klij

Mechanical Engineer & Industrial Designer

✉ me@aikenlevi.com ☎ [+316 42909292](tel:+31642909292) 📍 Amsterdam, NL

🌐 <https://aikenlevi.com>

Summary

Design Engineer (B.Eng.) with extensive experience in the end-to-end development and technical management of complex mechanical systems. I lead every stage of the product lifecycle, from initial conceptual planning and cross-functional coordination to final production oversight. My approach combines technical precision with a focus on delivering creative, high-performance solutions that prioritize mechanical simplicity and operational reliability.

Professional Experience

HIH Engineering

Barneveld, NL

Mechanical Engineer

September 2023 – Present

- Engineered machinery for large-scale (500 to 10.000 kg/h) food processing lines, including a new frozen french fry production line supplying a world leading fast-food chain while ensuring compliance with EU and FDA food hygiene norms
- Managed end-to-end product development, from initial concept and 3D modeling through to production oversight and technical support.
- Coordinated technical specifications between internal teams (sales, purchasing, service) and external stakeholders, including the end-client, vendors, and manufacturing facilities.
- Utilized Autodesk Inventor, AutoCAD, and Pro.File for high-precision design and technical data management.

JBT Marel

Amsterdam, NL

R&D Mechanical Engineer (intern)

March 2023 – August 2023

- Re-engineered a key component to reduce machine noise pollution by 80% while simplifying the mechanical assembly, adhering to EHEDG guidelines for hygienic design and maintenance.
- Engineered and constructed functional prototypes for new system components, conducting practical tests to validate design integrity and functionality.
- Utilized Inventor and Vault to develop and validate innovative mechanical solutions.

Tembo

Kampen, NL

R&D Engineer (intern)

September 2023 – March 2023

- Pioneered a feasibility study into additive manufacturing that demonstrated the potential to consolidate complex mechanisms into much simpler and efficient forms.
- The study's findings initiated a new research project, outlining a strategy to reduce development lead times and enable localized, secure on-demand part production for customers, saving time and money.
- Analyzed part conformity using advanced measurement techniques, leveraging data to drive design improvements and inform strategic decisions.

Online Presence

LinkedIn

[AikenvdK](#)

Education

Windesheim

Bachelor • 9

Engineering, Industrial Design

Almere • 2023

Technical Skills

CAD

Inventor, AutoCAD, Solidworks, FreeCAD, Fusion, Keyshot, Navisworks

Methodologies

Full Cycle Product Development, Design for Manufacturing, Prototyping and Validation, Additive Manufacturing, Hygienic Design

Languages

Dutch

Native

English

Fluent