

Gabriel Santos

Mechanical Design Engineer

✉ gabriel.santos@example.com | ☎ +1 (202) 555-0125 | 📍 Rotterdam, Netherlands |
🌐 gabrielsantos.example.com



Summary

Mechanical Design Engineer with eight years of experience in mechanical design and manufacturing. Combines thoughtful problem solving with hands-on delivery, clear communication and a strong focus on measurable outcomes. Trusted partner to multidisciplinary teams, with a track record of turning complex challenges into practical improvements for customers and colleagues.

Experience

Delta Motion Systems	Rotterdam, Netherlands
Mechanical Design Engineer	2022 – Present
- Designed precision assemblies for automated handling equipment deployed at 18 manufacturing sites. - Reduced assembly cost by 17% through component standardisation, tolerance review and supplier collaboration. - Led prototype testing and design verification to resolve reliability issues before production release.	
Forge Engineering	Rotterdam, Netherlands
Mechanical Design Engineer	2019 – 2022
- Developed CAD models, technical drawings and test fixtures for industrial equipment and tooling projects. - Worked with manufacturing teams to improve build quality and reduce assembly time by 22%. - Maintained clear engineering change records and supported customer installation and commissioning reviews.	

Projects

Modular Drive Assembly	2025
Developed a compact, serviceable drive module with fewer unique parts. Bench testing validated a 30% improvement in maintenance access and faster replacement.	

Education

Delft University of Technology	MSc
Mechanical Engineering	2013 – 2017

Skills

Mechanical design	Analysis	Delivery
SolidWorks, GD&T, Design for manufacture	FEA, Thermal analysis, Tolerance studies	Prototyping, Supplier collaboration, Technical documentation

Certifications

Certified SOLIDWORKS Professional	2024
Dassault Systemes	

Community

Community Skills Network	2023 – Present
Coach a student robotics team on mechanical design, prototyping and safe workshop practice.	

Languages

English	Portuguese
Fluent	Conversational