

CLÉMENTINE FUCHS

DESIGN ENGINEER // ARCHITECT

My dual profile can bring a specific added value to the completion of multidisciplinary projects of varying scales !



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HIGHLIGHTS

- Creative flair
- Design ability
- Continuously improve efficiency
- Strong technical & supervisory skills
- Organizational skills
- Professionalism
- Multitasking & multidisciplinary
- Team spirit & good communication
- Large project engineering

IT SOFTWARES

- **AUTODESK**
AutoCAD, REVIT, Civil 3D
- **ADOBE CREATIVE SUITE**
Photoshop, Illustrator, InDesign
- **DESSIN VECTORIELLE**
SketchUp, Inkscape
- **AUTRES**
MS Project, PV Syst, Meteonorm
MS Office 365, OPTIMA

SOFT SKILLS

- **LANGUAGE**
French | native
English | professional
Dutch | elementary
German | elementary
- **HOBBIES**
Homemade handicrafts
Drawing Japanese prints
Silver photography
- **VOLUNTEERING**
Humanitarian missions
(France, Africa)

PROFESSIONAL EXPERIENCE

2021 Design engineer

Freelance - France | The Netherlands | Remote

- **Cost Estimation & edition** | Technical & Financial proposals (international tenders >15M€) for the construction & maintenance of ground-mounted Hybrid Power Plants
- **Design & specifications** | Due diligence technical documentation
- **Production 2D visuals & 3D Modeling** | Dashboard monitoring, Power Plants, Buildings

2016 Civil design engineer

2020 EIFFAGE RMT GmbH (DE)

- **Design & supervision** | Guideline layouts & execution of civil works: preliminary groundworks, O&M building, electrical substations (LV/MV/HV), steel structures, roads/networks, trenches/earthing, MEP, security (video, lighting, fire, fencing)
- **Expertise in execution details** | Formwork plans, reinforcement, calculation notes
- **Elaboration & coordination** | General layout implantation utility-scale PV Power Plant
- **Cost Estimation & edition** | Technical & Financial proposals (international tenders >15M€): CW, EW, mechanical engineering, QHSE aspects, O&M phase, project management, etc.
- **Follow-up & documentation management** | Contract, PREL/APP/EXE/ABT, deliverables list
- **Analysis & interpretation** | Client's & Project's needs according to norms & environnement
- **Specifications & examination** | Soil studies (hydro/geo), In situ & laboratory tests, FAT
- **Draft & edition** | Consultation files, requirements, procedures
- **Pre-sizing** | CW design, PV design, heat balance
- **Research & participation** | Electrical design, suppliers & equipment selection
- **Organization & Planning** | Construction, supply timetable, organization charts
- **Interface & collaboration** | Clients engineers, subcontractors, suppliers & on-site team
- **Production 2D visuals & 3D Modeling** | Buildings, mechanical/electrical components

2014 Assistante technique & administrative

2016 EIFFAGE RMT GmbH (DE)

- **Design, production & supervision** | Civil works packages guidelines
- **Follow-up & documentation management** | Contrat & annexes, PREL/APP/EXE/ABT
- **Elaboration & assembly of offers** | Administrative compliance, technical rendering
- **Draft & edition** | Consultation files, requirements, PPSPS, QHSE
- **Expertise in execution details** | Formwork plans, reinforcement, calculation notes
- **Participation** | Electrical design (PV Syst, single line diagram, implantation)

PROJECTS

Port Expansion TEMA (Ghana)

Client | Bolloré Ports, MPS Tema

Budget | \$122M

Photovoltaic & Hybrid Power Plants (FR, EN)

Location | Benin, Guinea, Mauritania, Senegal, France

Budget | €16M to €285M

Capacity | 21 MWp to 300 MWp (EPC - O&M Contracts)

Storage warehouse KEHL (Germany)

Client | RMT GmbH

Role | Designer - Project Manager

Budget | €350k

EDUCATION

2021 Construction Project Management Specialization

Columbia University in the City of New York (Online certification - Coursera)

2014 Governmental specialization

National Institute of Applied Sciences (INSA) Strasbourg, France

Engineering & architectural theoretical training courses

Projects management, economy of construction, norms & standards

2013 Design Architect diploma - MArch 2

Strasbourg National School of Architecture (ENSAS) France

Building Architecture | History & heritage specialization

2012 ERASMUS - MArch 1 (2 semesters)

Yildiz Teknik Universitesi (YTU) Istanbul, Turkey

Engineering & Architecture | Heritage & Urbanization department

2011 Architecture bachelor degree - BArch 3

Strasbourg National School of Architecture (ENSAS) France