



# Ahmed Selmi

## Civil Engineer

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Bizerte – TUNISIA

## PROFESSIONAL PROFILE

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Young, dynamic and serious civil engineer. I have over 5 years experience in the field of road, highway and public works infrastructure (Bizerte fixed bridge project, town planning in Tunisia and France, road design in Tunisia, preliminary road design in Cameroon). I'd like to build on what I've learnt and get more involved in the professional world for the long term. I'm therefore looking for a job that's both stable and promising, so that I can put my skills to good use.

## WORK EXPERIENCE

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### **Methods Engineer, Monitoring (Road project)**

December. 2022 - Today

### **(Road projects and earthworks, external works, hydraulic structures and bridges)**

CHAABANE & CO • Bizerte, Tunisia

Project : Construction of the new permanent link between the A4 freeway and the city of Bizerte : LOT 3 "Northern link road. Viaduct - G9 roundabout". PK6+729 to PK9+446

- Responsible for the acceptance of the various works, from the request to the archive, passing through the various project collaborators and ensuring coordination, technical information and compliance with the standards and regulations applicable to the project's road construction.
- Numerical modeling of the various ground conditions associated with leveling and adjusting the platforms of engineering structures, purging work and the execution of embankments.
- Calculation of cubatures (backfill, cuttings, pre-loading zone, excavation, etc.).
- Assistance with topometric calculations (coordinates and polygon levelling).
- Responsible for drawing up detailed plans: layout plan of structures, delimitation plan of work zones, detailed plan of structures.
- Responsible for drawing up plans for the general area of discipline SSR and ITC: temporary signposting plan, traffic detour plan, machine circulation plan, site installation plan, etc.
- Drawing up plans and geometric documents : demolition plan and cross-section, profile book, axis tabulation, layout of various networks, etc.
- Assistance in drawing up attachments for monthly statements of account.
- Updating of the general works schedule: Planning and design of site installation tasks, project engineering structures, earthwork sections, pavement works, network detour, execution studies, etc.
- Responsible for preparing monthly quality reports, procedures and various technical reports.
- Supervise the work of technicians, technologists and other engineers, reviewing and approving work, design and calculations.

**Road Engineer / public works infrastructure**

October 2021 - December. 2022

**(Road and earthworks projects, External works, Hydraulic works and drainage)**

Office The Technical Advisor • Tunis, Tunisia - Paris, France

- Carrying out studies and designs for roadworks (current section, lateral lanes, re-establishment)
- Participates in various project studies (geotechnical, hydrological).
- Produce designs for road and highway infrastructure on development projects.
- Participate in drawing up plans, notes (flow rates, pipe sizing) and reports.
- Preparation of preliminary bills of quantities.
- Participation in the preparation of written documents.

**Senior technician public works infrastructure**

march 2017 - september. 2018

**(Municipal development projects and housing estates, earthworks, external works, hydraulic structures)**

Structural and public works infrastructure consultancy • Tunis, Tunisia

- Supervision and monitoring of various roadworks and sanitation projects. Participates in various project studies (geotechnical, hydrological).
- Participate in drawing up the various execution plans required for roadworks, drainage and urban development. Participate in drawing up plans, notes (flow rates, pipe sizing) and reports.
- Costing and quantity surveys on the basis of established plans.
- Participate in the preparation of technical notes and written documents (CCAG, CCTP, contract, etc.).
- Inspect the construction of roads, sewage systems and special equipment to ensure compliance with plans, specifications and building codes or other by-laws.

**Senior construction technician**

january 2016 - february 2017

SOBAT Company • Tunis, Tunisia

- Participation in foundation work (excavation, reinforcement, formwork and pouring of the lower floor and two basements).
- Calculate quantities of materials and supplies.
- Calculation of quantities and preparation of attachments relating to the work carried out (Software: AutoCad, Quoter Plan and Excel).
- Coordination with other work package collaborators (fluid, electricity, elevator, etc.) to avoid work blockages and non-conformities.
- Organization and coordination of work acceptance, quality control and materials testing with the various collaborators (Design Office, Control Office and Laboratory).
- Represent the company on the developer's visits and ensure that progress and quality reports are drawn up and delivered on time.

**EDUCATION**

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**National Diploma in Civil Engineering**

sept. 2018 - august 2021

ESIET UAS • Tunis, Tunisia

Mention : fair

**Diploma Applied degree in civil engineering**

sept. 2012 - july 2015

ISET RADES • Tunis, Tunisia

Mention : good

## SKILLS

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- Languages: French (Advanced Intermediate) and English (Intermediate).
- Perfect command of IT tools: Microsoft Word, Microsoft Excel, Microsoft Project.
- Perfect command of 2D/3D business tools: Autocad, Covadis, Civil 3D Autopiste, Alize LCPC, Infracore 3D, ArcGIS Pro esri, Global Mapper.
- Intermediate level in 2D/3D tools: Revit, WMS (Watershed Modeling system), SketchUp
- Beginner level of 2D/3D business tools: Revit, Mensura, GEO5.
- Interest in moving towards BIM design and mastery of new software.
- Knowledge of road - freeway - VRD standards and references: GTR / ARP / VSA / ICTAAL / ICTAVRU / GTAR / NF, etc.
- Knowledge of topographic and cadastral standards and regulations.
- Execution of infrastructure projects: methods and monitoring, management and coordination of works, drafting of procedures, planning, technical reports, etc.
- Professional training in wastewater treatment plant operation.
- Professional training on major drinking water supply projects.

## CERTIFICATE

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### **Workshop franco-tunisian**

Agir Architecture

### **Certificate of completion internationale Autodesk CIVIL3D**

Autodesk

### **Certificate of national training Autodesk CIVIL3D**

HK-Consulting

### **Training certificate (electrical accreditation / checking and inspection of scaffolding - acceptance of scaffolding /analysis of work-related accidents / safe erection and dismantling of scaffolding**

Management and Formation / CHAABANE & CO