

JALI CUPIT

Field Operations | Drilling Fluids & Solids Control

Fluid-plant operations | Solids control | Field service | Junior engineering

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Beijing, China (temporary) | French citizen | EU work rights | International mobility

IWCF Drilling Well Control Level 2 | Surface BOP Stack | Valid until 13 Feb 2030

PROFILE

Engineering graduate and hands-on fluid-plant manager with civil drilling-fluid testing and solids-control experience in Australia and France. Brings two short onshore oil & gas rig campaigns and an 18-month OCTG apprenticeship. Seeking fluid-plant, solids-control, field-service or junior engineering opportunities, with international mobility and a long-term interest in offshore well services.

- Fluid operations: bentonite mixing and recycling, API mud testing and chemical dosing
- Equipment: solids-control plant, mud pumps, tubular handling and rig-floor routines
- Safety and teamwork: permit to work, toolbox / JSA meetings and client coordination

RELEVANT EXPERIENCE

Bentonite Plant Manager

GFWA Pty Ltd (Soletanche Bachy) | Jan 2026 - Aug 2026

Adelaide, South Australia | Civil engineering | Employer based in Perth, WA

- Managed a bentonite treatment plant for the T2D civil infrastructure project in Adelaide.
- Performed API mud testing: fluid loss, filter-cake thickness, sand content, density and pH.
- Worked with shale shakers, desanders, hydrocyclones and decanter centrifuges for mud treatment and recycling.
- Coordinated with drilling engineers and client representatives under permit-to-work, JHA and SWMS procedures.

Solid Control Supervisor

Solid Control France | Mar 2025 - Nov 2025

Paris, France | Civil engineering - drilling mud and solids separation

- Supervised mud circulation and solids separation on civil engineering works; monitored active mud volumes and barite additions.
- Carried out daily Marsh funnel, Fann 35, API filter-press, sand-content and pH testing.
- Worked with API 100-325 shaker screens, desanders, desilters and decanter centrifuges; dosed flocculants and coagulants in a closed-loop fluid circuit.

Technical Sales Manager

Vallourec Oil & Gas France | Sep 2023 - Mar 2025

Paris, France | 18-month apprenticeship alongside IFP School coursework

- Performed casing stress calculations using Landmark StressCheck and WELLCAT; checked burst, collapse and tension safety factors.
- Worked on biaxial calculations and mixed-grade / mixed-weight casing strings.
- Supported selection and validation of premium VAM connections (TOP, 21 and SL), wellhead / casing-hanger interfaces and API 6A specifications.
- Worked with torque-turn monitoring and thread inspection.

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Field Operations | Experience, training & technical skills

EXPERIENCE CONTINUED

Roughneck / Drill Floor Operator

Arverne Drilling France | Summer 2020; Summer 2021

France | Onshore oil & gas | Two seasonal campaigns, approximately six weeks each

- Handled BHA components, drill pipe, drill collars and casing joints on an onshore oil & gas drilling rig.
- Performed drill-floor make-up / break-out using automated handling equipment, including Hawk Jaw.
- Maintained mud-pump liners, pistons and strainers; assisted BOP assembly, Koomey-unit checks and pressure testing.
- Worked with rotary drilling equipment and monitored torque, weight on bit and rate of penetration; took part in daily toolbox / JSA meetings and permit-to-work routines.

ADDITIONAL ENGINEERING EXPERIENCE

Research Engineer - Energy Systems

TotalEnergies OneTech R&D | Apr 2023 - Sep 2023

France | ESTIA final-year research project (MFE)

- Modelled CO2-emissions and energy-transition scenarios using numerical models for sustainable energy systems.

Component Trade Engineer (Intern)

JTEKT HPI | Jan 2021 - Apr 2021

Paris, France | Engineering internship

- Produced 3D mechanical designs and technical calculation reports during an engineering internship.

EDUCATION & PETROLEUM TRAINING

ESTIA, France | Awarded June 2023

Diplome d'Ingenieur (CTI) - Mechatronics, Embedded Systems and Energy

Universidad del Pais Vasco (UPV/EHU), Spain | Awarded June 2023

Master in Control in Smartgrids and Distributed Generation

Double-degree programme with ESTIA; both degrees obtained in June 2023.

IFP School, France | 2023 - 2025

Petroleum Engineering and Project Development coursework

Degree not awarded. English-taught study alongside the Vallourec apprenticeship.

Relevant subjects: Drilling fluids and cementing; well construction; well control; tubing and completion design.

TECHNICAL SKILLS

Well engineering: Landmark StressCheck, WELLCAT; casing load cases; premium VAM connections; API 6A interfaces.

Fluid testing & equipment: Marsh funnel, Fann 35, API filter press; shakers, hydrocyclones, decanter centrifuges and mud pumps.

Field safety routines: Permit to work, toolbox / JSA meetings, JHA and SWMS procedures.

LANGUAGES & MOBILITY

French: native. English: English-taught IFP coursework and work experience in Australia.

Internationally mobile; open to onshore and first offshore assignments. BOSIET and offshore medical not yet held; employer-supported mobilisation sought.