

Bahman Hazili

M.S. Student – Petroleum Engineering

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Professional summary

Petroleum Engineering student with 3+ years of field and operations experience in the energy sector. Seeking summer opportunities to contribute technical expertise and learn across upstream, midstream, renewables, or energy-transition projects.

Education

The University of Oklahoma (Aug 2025 – Present) | Oklahoma, United States

Master of Science (MS) – Petroleum Engineering

Baku Higher Oil School (Aug 2015 – Jun 2020) | Baku, Azerbaijan

Bachelor of Engineering (BEng) – Petroleum Engineering | GPA – 3.5

Skills

Microsoft Office | Problem solving | Critical thinking | Lifelong learner | Attention to Detail | Teamwork | Time Management | Adaptability

Experience

Graduate Research Assistant – University of Oklahoma (IC³) | Oklahoma, United States

August 2025 – Present

- Conducted laboratory-based research on core samples to support energy sector applications, utilizing advanced characterization techniques.
- Collaborated with interdisciplinary teams, including faculty and industry partners, on funded research initiatives.
- Analyzed data from experimental setups to derive insights into material properties and system behaviors.
- Prepared technical presentations while adhering to data confidentiality and safety protocols.

Senior Well Control Manager – SOCAR Industrial Safety Department | Baku, Azerbaijan

May 2025 – August 2025

- Coordinated preventive measures to mitigate hydrocarbon/water influx, blowouts, and operational risks.
- Issued safety guidelines and prohibitions for facility defects.
- Oversaw drilling safety strategies to maintain well integrity.
- Authorized work permits for wellsite operations.
- Conducted comprehensive inspections of well control and blowout prevention systems.

Operations Team Leader – SOCAR Industrial Safety Department | Baku, Azerbaijan

Feb 2023 – Dec 2024

- Led emergency operations for the abandonment of unviable oil and gas wells.
- Managed technical maintenance of equipment to ensure operational efficiency.
- Supervised blowout preventer testing and wellhead equipment for SOCAR departments.
- Ensured readiness of fire extinguishing equipment as part of the emergency response team.

Volunteer Quality Assurance Assistant – SOCAR Industrial Safety Department | Baku, Azerbaijan

Feb 2023 – Dec 2024

- Managed documentation for external audits (API Spec. Q2, ISO 9001/14001/45001), ensuring compliance and timely access.
- Facilitated cross-functional communication between audit teams and internal departments.
- Supported resolution of audit nonconformities through corrective actions and documentation updates.
- Contributed to API Spec. Q2 certification by preparing and revising compliance documents.

Junior Consultant – ERIELL Group | Surkhandarya, Uzbekistan

Sep 2024 – Oct 2024

- Selected by SOCAR ISD leadership to consult on a gas blowout well killing operation for Uzbekneftegaz.
- Supported development and review of technical documentation and execution plans.
- Helped design blowout management strategies to ensure operational safety and efficiency.

- Collaborated with ERIELL Group, Halliburton, Schlumberger, and Cudd Well Control on risk assessment and safety compliance.

Operations Team Leader's Assistant – SOCAR Industrial Safety Department | Baku, Azerbaijan

Jun 2022 – Feb 2023

- Participated in emergency operations for abandoning unviable oil and gas wells at SOCAR facilities.
- Assisted with testing and completion of wellhead equipment and blowout preventers.
- Contributed to the technical maintenance of equipment, ensuring operational readiness.
- Adhered to safety protocols under manager supervision during all tasks.

Intern – SOCAR “Azneft” PU, Oil Rocks Oil & Gas Production Division | Baku, Azerbaijan

Jun 2019 – Jun 2019

- Gained hands-on exposure to offshore site operations, facilities, and equipment.
- Observed full-cycle activities from exploration to transportation, including key equipment functions.
- Visited a gas compressor station for direct operational insights.
- Compiled a detailed report summarizing technical learnings and observations.

Intern – SOCAR “Azneft” PU, “28 May” Oil & Gas Production Division | Baku, Azerbaijan

Jun 2018 – Jun 2018

- Completed an offshore internship, gaining practical experience with site operations, facilities, and equipment.
- Familiarized with activities from exploration to transportation, including equipment working principles.
- Visited a platform operated by SOCAR AQS, observing operations firsthand.
- Compiled a detailed report on key learnings and insights from the internship.

Intern – SOCAR “Azneft” PU, A.C.Amirov named Oil & Gas Production Division | Baku, Azerbaijan

Jun 2017 – Jun 2017

- Completed onshore internship, gaining practical experience with site operations, facilities, and equipment.
- Observed exploration-to-transportation workflows and equipment functionality during site visits.
- Compiled a detailed report summarizing technical insights and key learnings.

Certifications

Agile Team Leadership, Duke Corporate Education, 2025

Modelling and measuring the Energy Transition, Politecnico di Milano, 2025

What Is Cybersecurity?, Kennesaw State University, 2025

Hydrocarbon Exploration and Production, L&T EduTech, 2025

Introduction to Process Safety and Risk Analysis, University of California, Davis, 2025

"Blowout prevention", SOCAR TECD, 2024

"Professional first aid", SOCAR TECD, 2024

"Fire safety", SOCAR TECD, 2024

"Hazard identification and risk and opportunity assessment", SOCAR TECD, 2024

"Communication signal unit" of personnel of civil defence forces, SOCAR TECD, 2023

McKinsey Forward Program, McKinsey & Company, 2022

"Occupational health and safety" induction for new employees, SOCAR TECD, 2022

English for Career Development, University of Pennsylvania, 2022

Oil & Gas Industry Operations and Markets, Duke University, 2022

Well Operations Crew Resource Management (WOCRM), International Well Control Forum, 2020

Level 1 Programme, International Well Control Forum, 2020

MOOC OIL & GAS from exploration to distribution, IFP School, 2017

Professional ethics, SOCAR TECD, 2016

Leadership, SOCAR TECD, 2016

Training of Personnel on Mobile Offshore Units, Republic of Azerbaijan State Maritime Administration, 2016

Languages

Azerbaijani

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English

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Turkish

Awards

A letter of Appreciation for completing tasks with high performance, on time, and with quality, received from Iskandar Shirali, Head of SOCAR Industrial Safety Department, Sep 2024.

A letter of Appreciation for demonstrating high professional qualities, responsibility, and assistance in completing tasks of primary importance, with competence and commitment to excellence contributing significantly to the successful completion of all events from Bahadir Sidikov, Chairman of the Board at Uzbekneftegaz, Oct 2024.