

# NURAY AHMADOVA

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## PROFILE

Inventive and determined Process/Chemical Engineer with 2+ years of experience in the field and a bachelor's degree in Chemical Engineering (2019, Baku Engineering University). Seeking to use previous experiences and knowledge to further proceed in my career path and consistently deliver results.

## EMPLOYMENT HISTORY

### 09/2021 to Current    **Process Engineer**

**WORLEY** – Baku,

#### Responsibilities:

- Preparation of PFD;
- Preparation of P&ID with necessary preliminary sizing of all piping, equipment, and representation of all instrumentation for plant monitoring, automation, and protection;
- Preparation of detailed sizing of all process equipment and utility systems, with and without the use of software applications;
- Preparation of process datasheet for all equipment and package systems;
- Determining size and specifications for all safety relief valves with the help of software;
- Process selection and simulation;
- Risk assessment of the given systems;
- Development of technical documentation;

### 04/2019 to 08/2021    **Process Engineer**

**ENCOTEC** – Baku,

#### Responsibilities:

- Conceptual studies;
- Preparation of PFD;
- Preparation of P&ID with necessary preliminary sizing of all piping, equipment, and representation of all instrumentation for plant monitoring, automation, and protection;
- Preparation of heat and material balance studies with the help of

- software;
- Preparation of rough cost economics, including preliminary sizing and important details of equipment;
- Preparation of detailed sizing of all process equipment and utility systems, with and without the use of software applications;
- Preparation of process datasheet for all equipment and package systems;
- Determining size and specifications for all safety relief valves with the help of software;
- Process selection and simulation;
- Risk assessment of the given systems;
- Site surveying;
- Development of technical documentation;
- Training/onboarding of the new personnel.

Involved in the following projects:

- Provision front end engineering design for Chia Surkh Block extension project. (Petoil)
- Provision detailed design for Chia Surkh Block extension project. (Petoil)
- Firewater line replacement project. (BP)
- MEG drain lines corrosion management project. (BP)
- Caisson back-spray elimination project. (BP)
- West/East Azeri CCTV upgrade project. (BP)
- West Chirag Optical Backbone Upgrade project. (BP)
- EOP Flare & Closed Drain Rationalization project. (BP)
- Kazi-Magomed Seismic Fault crossing project. (BP)

## EDUCATION

**09/2015 - 06/2019**

**BEng:** Chemical Engineering

**Baku Engineering University (Qafqaz)** – Baku

Main Courses completed:

- Material and Energy Balance;
- Fluid Mechanics;
- Organic Chemistry, Inorganic Chemistry;
- CAD/CAM;
- Heat Transfer;

- Thermodynamics;
- Process Design Principles;
- Chemical Reactions Engineering;
- Separation Processes;
- Mass Transfer;
- Catalytic Processes and etc.

## COURSES

- **Process Engineering Design, Velocis Solutions**

Oct 2018 • Jan 2019

- **Process Simulation with Aspen HYSYS, Velocis Solutions**

May 2021

## SKILLS

- |                                |                            |
|--------------------------------|----------------------------|
| • Project Management           | • Aspen HYSYS              |
| • Detailed Design              | • Training and Development |
| • Front End Engineering Design | • Design Layouts           |
| • Engineering Drawing          | • Safety Considerations    |
| • Risk Assessment              | • Customer Relations       |
| • Technical Documentation      | • Team Collaboration       |
| • Knowledge of MS Office       | • Leadership               |
| • AutoCAD                      | • Team Management          |

## LANGUAGES

**English** *Advanced*

**Russian** *Native*

**Azerbaijani** *Native*

**German** *Beginner*

## INTERNSHIPS

- **Summer Camp Participant, Schlumberger**

Aug 2018

- getting acquainted with the departments existing at Schlumberger in Azerbaijan;
- getting basic knowledge on the services provided by the company;

- getting involved in group activities such as group tasks and team building activities;
- responsible for the final project on "Cyclicity of Oil and Gas Prices and strategies to adapt";
- attending workshops at the Schlumberger bases;
- acquiring hands-on experience at the named workshops, such as assembling, disassembling different Harts of appliances.

- **Customer Care Strategy Intern, Bakcell**

Jul 2016 • Sep 2016

- responsible for the education of the Customer Service Representatives of the company;
- responsible for translating the educational material from Russian to English;
- worked well independently and on a team to solve problems;
- organized and prioritized work to complete assignments in a timely, efficient manner.

## **VOLUNTEER ACTIVITY**

- **Observer Marshal, Azerbaijan F1 Grand Prix**

May 2021 • Jun 2021

Mar 2019 • Apr 2019

Mar 2018 • Apr 2018

- **President of the Committee, AIESEC in Azerbaijan**

Feb 2019 • Jan 2020

- main responsible for a committee of 70 people;
- main responsible for the creation of a 1-year strategy;
- main responsible for a team of Executive Board and their performance;
- main responsible for financial budgeting;
- main responsible for plan fulfillment.

- **Vice President, Talent Management, AIESEC in Azerbaijan**

Feb 2018 • Jan 2019

- main HR responsible for a committee of 50 people;
- responsible for the creation of the educational and development cycle for the members;
- responsible for internal communications strategy;
- responsible for a team of managers and their performance;
- main responsible for recruiting new members twice a year.

- **Project Manager, AIESEC in Azerbaijan**

Feb 2017 • Jan 2018

- responsible for a team of 4 people;
- main responsible for 2 projects;
- responsible for the customer experience of the exchange participants from 5 different countries.