EDUARD-ANDREI CEZAR

PROJECT ENGINEER II

PROFESSIONAL PROFILE

I am an automation engineer with almost 3-year experience in the field of process automation. During this time period I had the opportunity to attend various technical trainings in order to gather information, being then able to carry out my activity on the three major projects that I worked on, one for the Chemical industry and two for the LifeScience industry. I worked both on baselayer and batch tasks and was part of the WaterRun support team in Austria.

SKILL HIGHLIGHTS

Good communication skills
Perseverant and determined
Respectful and friendly
Willing to offer help
Teamwork skills
Digital skills

LANGUAGES

German – C1
English – B2

CONTACT

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LOCATION: Cluj-Napoca/Emerson Automation Solutions

EDUCATION

- Master's degree in Advanced Chemical Process Engineering
  → MSc's thesis subject: "Multivariate missing data imputation using 3D spatial-temporal validation"
- Bachelor's degree in Chemical Engineering;
  → BCs thesis subject: "Phenothiazine-Based Dyes with Biomedical Applications"

EXPERTISE AND COMPETENCES

Software Experience
- DeltaV
- CHEMCAD, Aspen Plus
- MatLab, Simulink
- Solid Edge

Field of Expertise
- DCS

Industries
- LifeScience

Certifications
- 7409 – DeltaV Implementation 1
- PAS001 – Engineering Level 1
- 7425 – DeltaV Advanced Graphics with DeltaV Live
- Understanding and Applying GAMP5 (Good Automated Manufacturing Practice)
- PAS002 – PCSD EQM
- PAS003 – PCSD Batch
- Project Data Link 101&201
- PAS7012 – Communication Protocols (Modbus, Profibus, OPC)
- 7016 – DeltaV Systems Batch Implementation

WORK BACKRGROUND

3350526 - Novartis - NAF Gamma Suite2 (July 2025 – Present)
- Project Engineer II
- Novartis plant for the biotechnologically manufacturing of drugs.
- Configuration and testing of graphics, GEMs, detail displays, interlocks, thresholds, alarms. Internal Test is being performed using the Test Studio platform.
  Database management: transfer (import – export) of DeltaV Live and DeltaV Explorer items from the configuration system to the Simulation and Production system of the customer. The transfers involve working with Excel and the ProcessFHX tool.

3315312 - Novartis – RPP1-CC (October 2023 – Present)
- Junior Project engineer - Project Engineer I - Project Engineer II
- The Novartis plant is biotechnologically manufacturing medication/drugs. The project refers to mammalian cell culture, using CHO (Chinese hamster ovary) cells.
- My role consists in configuring and testing graphics, GEMs, detail displays, interlocks, thresholds, alarms, test special logics, custom control module classes and composites. Internal Test is being performed using the Test Studio platform. I also take part in qualifying control module classes, meaning to finally test the functionality of these classes before delivering them to the customer.

Database management: transfer (import – export) of DeltaV Live and DeltaV Explorer items from the configuration system to the Simulation and Production system of the customer. The transfers involve working with Excel and the ProcessFHX tool.

Water Run support.

The project offers the chance of speaking German.

3 months assignment at Novartis in Kundl, Austria as production support. My activity there included database management, batch configuration (phases, units, recipes) and baselayer configuration (graphics, GEMs, faceplates).

3316675 - Jotun Indonesia (May 2023 – September 2023)

- Junior Project Engineer
- New DeltaV System Paint factory Indonesia
- My role consists in creating graphics based on the customer's P&IDs, using Graphics Studio and DeltaV Live. Working on this project helped me build better graphics and understand the importance of different GEMs.