

# HAYDER NASEEM FADHEL

Petroleum Engineer | Field Operations & Digital Oilfield Applications

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Saladin, Iraq

## SUMMARY

Petroleum Engineer specializing in petroleum application programming, data analysis, and artificial intelligence. Skilled in developing intelligent digital tools to optimize drilling, production, and reservoir performance. Proficient in Python and engineering software development. Passionate about bridging petroleum engineering with data-driven technologies to enhance operational efficiency and field performance.

## EXPERIENCE

### Engineering Content Creator

06/2024 - Present 📍 Salahdin

🔗 [https://www.instagram.com/haider\\_nasem?igsh=OTI2a21zejY3cHgx&utm\\_source=qr](https://www.instagram.com/haider_nasem?igsh=OTI2a21zejY3cHgx&utm_source=qr)

- Engineering content creator focusing on AI and petroleum topics.
- Career advising for students and recent graduates.
- Content reach exceeds +1 million monthly views.

### Founder & CEO

#### myUNi Platform

10/2024 - 09/2025 📍 Kirkuk, Iraq

- Founder & CEO
- Founded and managed myUNi platform, an automated system that submits professional CVs directly to companies
- Led the platform's development team and coordinated the creation of content on social media focused on career guidance, professional skills, and employment
- Supervised all technical and operational aspects to support digital transformation in student employability

### Engineering Software Developer (Oil & Gas)

#### Freelancer

04/2023 - 08/2024

- Designed and developed engineering desktop applications using Python and other technologies
- Created and deployed websites using HTML, CSS, and JavaScript for engineering and educational purposes
- Collaborated with clients to build digital solutions that improve efficiency and visualization in oilfield-related projects

#### Internship

#### North Oil Distribution Company

07/2024 - 08/2024 📍 Salahadin, Iraq

- Assisted in monitoring product storage, distribution, and safety compliance operations
- Gained practical understanding of fuel logistics, safety regulations, and site supervision
- Collaborated with field engineers to ensure quality control and accurate reporting

## EDUCATION

### Bachelor of Petroleum Engineering

University of Kirkuk, College of Engineering

06/2025 📍 Kirkuk, Iraq

GPA  
3.24 / 4.0

## LANGUAGES

Arabic Native

English Professional Proficiency B2

## SKLLS

Python	Microsoft Office	ML	AI	Power BI	Data Analysis	Data Visualization	Reservoir Simulation
IPR Analysis	Production Optimization	Gas Processing	HSE	Drilling Operations	Google Search Console		
GitHub	GUI	HTML	CSS	Dashboard			

## CERTIFICATES

Introduction to HSE Engineering

Gas Production and Processing

Machine Learning & AI in Oil and Gas Industry

EF SET English Certificate Level B2

Public Speaking & Communication Skills

# PROJECTS

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## Inflow Performance Relation (IPR Simulator)

⌚ 02/2025-04/2025 ⚽ Kirkuk

🔗 <https://github.com/haydernaseem/Inflow-Performance-Relation-IPR-Simulator>

Developed a Python-based simulator to analyze well inflow performance curves.  
Enhanced usability for Windows environments and field-tested program reliability.

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## Secondary Method Oil Recovery (SMOR Simulator)

⌚ 7/2024 - 10/2025 ⚽ Kirkuk

Built a waterflooding simulator using Python with GUI and visualization tools.  
Strengthened technical understanding of secondary recovery processes.

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## Reservoir Simulation (Pressure Distribution Simulator)

⌚ 06/2025-10/2025 ⚽ Saladin

🔗 <https://github.com/haydernaseem/Reservoir-Simulation-Pressure-Distribution->

Created a reservoir pressure distribution simulator using Python. Modeled multi-well pressure interactions and visualized results with PyQt5 GUI.

# SOFT SKILLS

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Team Leadership

Work Under Pressure

Teamwork & Collaboration

Ability to Relocate / Travel

# FIND ME ONLINE

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### LinkedIn

<http://www.linkedin.com/in/hayder-naseem-5373a6374>

### GitHub

<https://github.com/haydernaseem>

### My website

<https://hayder4231.web.app/>