

HAYDER NASEEM FADHEL

Petroleum Engineer | Field Operations & Digital Oilfield Applications

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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 📍 Saladin

🔗 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 📍 Saladin, 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
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SKILLS

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

InflowPerformance 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.

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.

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

Team Leadership	Work Under Pressure	Teamwork & Collaboration	Ability to Relocate / Travel
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FIND ME ONLINE

Linkedin http://www.linkedin.com/in/hayder-naseem-5373a6374	GitHub https://github.com/haydernaseem	My website https://hayder4231.web.app/
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