

Khamis Al Habsi

Senior Software Engineer · Tech Lead

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7+ years building software in Oman. Currently Sr. Software Engineer at Rihal.

EXPERIENCE

Sr. Software Engineer · Rihal

Mar 2025 - Present

- Revamping TRA's web portal and e-services portal as tech lead, and guiding TRA staff through the transition to Angular.

Technologies: Angular, n8n, Tailwind CSS, Elasticsearch, Node.js

Sr. Frontend Developer · Rihal

Dec 2024 - Mar 2025

- Tech lead for the revamp of the Oman Public Prosecution portal.

Technologies: Next.js, React Native

Full-Stack Engineer (Wells) · Petroleum Development Oman (via iNNOVATEQ (contract))

Apr 2023 - Dec 2024

- Automated the Amal CPL evaluation: evaluation time down from 15 to 3 minutes and RF reconciliation accuracy up from 75% to 81%.
- Delivered the Closed-in Wells management project ahead of schedule and closed the L1 audit PIM actions early (PDO Shukran award).

Delivered: New Well Report, Deferment Booking, APM Performance Annulus Pressure, E2E Well Restoration, Production Dashboard, Closed-in Wells, Realtime energy efficiency monitoring, Generic components

Technologies: Angular, PI Data Historian, Microsoft SQL Server, TypeScript, .NET, Oracle Database

Frontend Engineer (Wells) · Petroleum Development Oman (via iNNOVATEQ (contract))

May 2022 - Apr 2023

Delivered: Deferment Analysis, CPL Estimation, PQ-Curve

Technologies: Angular, Microsoft SQL Server, .NET, TypeScript

Software Developer · Ministry of Higher Education Research and Innovation

Aug 2021 - Apr 2022

Delivered: Lookups, Attestation App, Payment Gateway, DevOps with Docker, Admission Center

Technologies: React, Node.js, Docker, Server Management, Next.js, .NET, HTML, Linux System Administration

System Developer Engineer · The Research Council

Aug 2020 - Aug 2021

- Built the Eidaad Program for PDO, recognized with a PDO certificate of appreciation.

Delivered: Taawun portal, Eidaad Program for PDO, Oman Research Portal (A to Z)

Technologies: React, Node.js, Server Management, Next.js, Linux System Administration

System Developer · The Research Council

Sep 2019 - Aug 2020

Delivered: iLab, TRC website, Awards portal

Technologies: React, Node.js, Server Management

Software Engineer · eMushrif

May 2019 - Jul 2019

Technologies: React, Linux System Administration

Software Developer · SME Development Fund Oman

Jan 2019 - Mar 2019

Technologies: React, Node.js, HTML

SELECTED IMPACT

Amal CPL evaluation automation · Petroleum Development Oman · Evaluation time: 5× faster (15 min → 3 min); RF reconciliation factor: +6 pts (75% → 81%)

Closed-in Wells management · Petroleum Development Oman · Delivery: Ahead of schedule; L1 audit PIM actions: Closed early

Eidaad Program for PDO · The Research Council · Recognition: PDO certificate of appreciation

SKILLS

Design	Web Design, Photoshop
Frameworks	Angular, React, Next.js, .NET, React Native, CMS
Languages	TypeScript, HTML / CSS
Backend	Node.js
Databases	PostgreSQL, MSSQL, Oracle, MongoDB, Elasticsearch
Proficiency	Cloud Computing, Embedded systems, Linux Administration, Automation & Deployment, N8N, Self Hosting, Infrastructure Management, DevOps, Integration

FEATURED CERTIFICATIONS

- Open Source Software Development, Linux and Git Specialization · The Linux Foundation · Oct 2024
 - Cloud-Native Development with OpenShift and Kubernetes · Red Hat · Mar 2024
 - Advanced React · Meta · Dec 2023
 - Agile Project Management · Google · Dec 2023
 - Ansible for Network Automation · Cisco · Dec 2023
 - Continuous Integration and Continuous Delivery (CI/CD) · IBM · Dec 2023
 - Introduction to TensorFlow for Artificial Intelligence · DeepLearning.AI · Dec 2023
 - Securing Cloud Applications with Identity Aware Proxy (IAP) using Zero-Trust · Google · Oct 2023
- 8 of 49; the full list is at habsi.net/certifications

EDUCATION & AWARDS

- BSc Software Engineering · UTAS - Al Musanna'h · 2013 - 2019
- Completed a high-impact project earlier than planned! · Petroleum Development Oman · Oct 2024
- Optimizing and automating the Amal CPL · Petroleum Development Oman · May 2024
- Certificate of Appreciation — Eidaad Program · Petroleum Development Oman · Jan 2021
- First Prize (Best Student Project) · Nizwa College of Technology · May 2017