

Rakhil T. P

DevOps Engineer | Cloud Infrastructure | Cybersecurity

+91 96 3314 6241

Rakhiltpdx@gmail.com

Kannur, Kerala, India 670591

UAE License: 2545037 | India License: KL1320190020567



PROFESSIONAL SUMMARY

DevOps and Cybersecurity Professional with recent hands-on experience through a 6-month DevOps & Cybersecurity internship at IPSR Solutions and a Google Cybersecurity Professional Certificate (2026). Leverages a strong 9-year background in Oil & Gas field engineering, bringing deep expertise in maintaining mission-critical systems and coordinating technical teams. Proficient in Linux, CI/CD pipelines, Docker, Python, Bash scripting, Azure, and AWS. Seeking a DevOps, Cloud, or Cybersecurity role to apply recent cloud automation training and transferable infrastructure oversight expertise.

DEVOPS & CLOUD PROJECTS

DevOps Engineering Intern

2025 – 2026

IPSR Solutions Ltd, Calicut

- Designed and implemented CI/CD pipelines using GitHub Actions to automate build, test, and deployment workflows, reducing manual deployment steps by 80%.
- Containerized a multi-service Python application using Docker and Docker Compose, cutting environment setup time from hours to under 5 minutes.
- Provisioned and managed cloud infrastructure on Amazon Web Services (AWS), configuring EC2 instances, VPC networking, S3 buckets, IAM roles, and CloudWatch monitoring dashboards.
- Automated Linux server provisioning and configuration using Bash scripts, eliminating manual setup errors and accelerating deployment timelines.

WORK EXPERIENCE

Field Engineer & Systems Support Engineer

2016 – 2025

Oil & Gas Operations, UAE | High-reliability oilfield: pressure, temperature & well monitoring systems

- Administered real-time monitoring systems for 15+ oilfield assets, achieving 99%+ operational uptime across 9 years in safety-critical environments.
- Executed daily system diagnostics and fault-isolation procedures, identifying equipment failures prior to escalation and reducing production downtime.
- Produced 100+ technical reports, compliance records, and operational documentation packages with zero audit failures over 9 years.
- Analyzed operational datasets including pressure, temperature, and flow-rate metrics for 15+ well sites, supporting data-driven field decisions.
- Facilitated technical coordination between site, compliance, and field-work personnel to ensure consistent system performance.
- Implemented risk assessment and safety compliance documentation aligned with international Oil & Gas operational standards.
- Optimized data collection and reporting workflows, reducing manual documentation time by approximately 20% through systematic process improvements.

TECHNICAL SKILLS

DevOps & Cloud:

CI/CD Pipelines (GitHub Actions), DevOps Lifecycle & SDLC, Microsoft Azure, Amazon Web Services (AWS), Cloud Computing, Infrastructure as Code (IaC)

Containers & Version Control:

Docker & Docker Compose, Git, GitHub, Container Orchestration Fundamentals

Programming & Scripting:

Python, Bash Scripting, SQL

Systems & Infrastructure:

Linux System Administration, Linux CLI, Virtual Machines, System Monitoring, Log Analysis

Cybersecurity:

Network Security, Threat Detection & Analysis, Incident Response, Identity & Access Management (IAM), Security Compliance

Tools & Documentation:

Microsoft Office Suite, Technical Documentation, IT Operations Support

TRANSFERABLE IT SKILLS

- System monitoring & real-time diagnostics in mission-critical environments
- Technical documentation, operational reporting, and compliance record management
- Operational data analysis and performance optimization
- Interdepartmental collaboration between technical, compliance, and field execution teams

CERTIFICATIONS

Cloud & DevOps Engineer Certificate	2026
--	------

IPSR Solutions Ltd, Calicut Currently Pursuing (Expected Completion: Aug. 2026)

Python Full Stack Backend Development	2026
--	------

Sharpener Tech Bengaluru Currently Pursuing (Expected Completion: Aug. 2026)

Google Cybersecurity Professional Certificate	2026
--	------

Coursera / Google

Manage Identities and Governance in Microsoft Azure	2023
--	------

Coursera

Cloud Computing Basics	2022
-------------------------------	------

Coursera

EDUCATION

Bachelor of Engineering — Mechanical Engineering	May 2013
---	----------

Annamalai University (OGPA 6.87 out of 10) , Tamil Nadu, India

LANGUAGES

English: Professional Proficiency

Malayalam: Native

Hindi: Conversational

Tamil: Conversational