

# OWAIS ABBASI

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## OBJECTIVE

Looking for an entry level DevOps Engineer (Kubernetes) position. Transitioning from Accounts and Finance background to pursue a career in technology.

## TECHNICAL SKILLS

### DevOps & Cloud Technologies

Kubernetes (Learning - Kubestronaut Track), Docker, AWS (S3, CloudFront, Route 53), CI/CD (GitHub Actions), Linux, Shell Scripting

### Programming & Scripting

Languages: Python (Advanced), TypeScript/JavaScript (Intermediate), Bash/Shell (Intermediate), SQL (Advanced)

### Databases & Data Engineering

PostgreSQL, SQLite, NoSQL (MongoDB, Elasticsearch), Apache Spark & Hadoop, Apache Kafka & Airflow, ETL Pipelines

### AI/ML & Tools

Ollama (Local LLMs), Prompt Engineering, AI-Assisted Development, Supervised Learning, Next.js, Tailwind CSS, Git & GitHub, Vercel, Data Visualization (Matplotlib, Seaborn)

## CERTIFICATIONS

### Kubestronaut Track (In Progress)

Actively preparing for all 5 Kubernetes certifications

Exam voucher purchased: November 2025

### 22+ Professional Certifications

- **Machine Learning & AI (2 courses):** Supervised Machine Learning (DeepLearning.AI & Stanford), Linear Algebra for ML (DeepLearning.AI)
- **Data Engineering & Big Data (3 courses):** Python Project for Data Engineering (IBM), Introduction to Data Engineering (IBM), Introduction to Data Analytics (IBM)
- **Databases (7 courses):** SQL for Data Science with Python (IBM), NoSQL Databases (IBM), Database Administration (IBM), PostgreSQL courses (U-Michigan)
- **Python & Programming (6 courses):** Python certification (HackerRank), Data Visualization, Python for AI & Development, Web Data Access
- **Linux & DevOps (1 course):** Linux Commands and Shell Scripting (IBM)
- **Additional:** Data Visualization (2 courses), Digital Marketing (Google)

## TECHNICAL PROJECTS

### parho.net – AI-Powered News Article Transformation

*Technologies: Ollama (20B Model), Next.js 14, TypeScript, SQLite, MDX, Vercel*

GitHub: [github.com/owais-io/parho](https://github.com/owais-io/parho) | Live: [parho.net](https://parho.net)

- An automated system leveraging local LLMs to transform complex news articles into accessible, simplified summaries
- Features automated title simplification and 60-80 word summary generation from Guardian API articles
- Local AI processing (privacy-first, no external APIs) with custom prompt engineering
- Static site generation with Next.js, built with AI-assisted development (Claude Code)

### padho.net – AI-Powered South Asian News Simplification

*Technologies: Ollama (20B Model), Next.js 14, TypeScript, Tailwind CSS, AWS S3, CloudFront, GitHub Actions*

GitHub: [github.com/owais-io/padho](https://github.com/owais-io/padho) | Live: [padho.net](https://padho.net)

- Automated news aggregation system using Ollama to transform Guardian articles about India and Pakistan
- Features beautiful zigzag timeline layout with progressive loading
- AWS infrastructure with CI/CD pipeline and duplicate prevention
- Mobile-first responsive design with content filtering

### owais.io – Tech Blog

Personal tech blog sharing insights on DevOps, Kubernetes, AI-assisted development, and cloud technologies.

Live: [owais.io](https://owais.io)

## EDUCATION

### Level 6 Diploma in Artificial Intelligence Operations (AIOps)

UK's Eduqual | 2025

*Equivalent to BS Hons Degree*

### Master of Arts in Economics and Finance

University of Karachi | 2015

### Bachelor of Commerce

University of Karachi | 2010

## PROFESSIONAL EXPERIENCE

### Data Supervisor

Government of Pakistan - Federal Board of Revenue | September 2016 – Present

Managing data operations and supervision for the Federal Board of Revenue, ensuring data integrity and compliance with government standards.

### **Accounts Executive**

Mishanz Private Limited (Health Sector) | March 2013 – August 2015

Managed accounting operations, financial reporting, and budget management for healthcare organization.

### **Accounts Officer**

Mishanz Private Limited (Health Sector) | April 2010 – November 2011

Handled day-to-day accounting operations, financial record keeping, and compliance for healthcare organization.

## **LANGUAGES**

Urdu (Native) | English (Fluent) | Arabic (Learning)