

HASSAN ZAIDI

AI Engineer | Team Lead | Azure Cloud Administrator

+923350552250 hassanzaidi4@gmail.com https://zaidio.net Islamabad, Pakistan



SKILLS

Soft Skills

Problem Solver Adaptability

Resilience Leadership

Humility

Tools and Languages

Python TypeScript Golang

React.js Next.js Django

Flask Express PostgreSQL

MySQL MongoDB

Technologies

TensorFlow scikit-learn

Azure Docker Git/GitHub

AWARDS AND RECOGNITION

Best Presenter - ML Presentation

Computer Science Course Representative

3rd Place - HCI Design Challenge

CERTIFICATIONS

Azure Admin Associate

Azure Data Fundamentals

SUMMARY

Versatile Software Engineer with proven expertise in orchestrating cloud migration and implementing AI solutions. Known for enhancing operational efficiency and data quality, I am ready to bring my unique skill set and drive for innovation to your team

PROFESSIONAL EXPERIENCE

Team Lead and Azure Admin

SkilledIn

04/2023 - Present Remote

- Orchestrated and led a strategic migration from IaaS to Azure PaaS, resulting in deployment time reduction by **50%** and enabling autoscaling capabilities to optimize resource utilization and enhance operational efficiency.
- Directed a **team of 4**, achieving an impressive **80% task completion rate**.
- Architected and enforced Azure policies, achieving 100% correct resource deployment, ensuring compliance with regional operations, SKU requirements, and naming conventions

AI Engineer and Frontend Developer

SkilledIn

08/2022 - 04/2023 Remote

- Engineered a deep learning model that accurately differentiated between hard and soft skills, leveraging a dataset of **over 2500 skills**, achieving a robust **accuracy of 87%**
- Enhanced data quality and **accelerated data retrieval by 30%** through the streamlined processing and integration of **four** diverse NLP datasets into an Azure SQL Database
- Streamlined authentication across **three apps** using Azure AD B2C policies, reduced development workload by **40%**, ensuring PDPA compliance, and reduced attack vectors.

Full Stack and Data Engineer Intern

University of Nottingham

06/2022 - 08/2022 Semenyih, MY

- Analyzed over **108 million** narrow-peaks from ENCODE Consortium to identify over **2 million** putative and validated enhancer sites in the human genome.
- Boosted data processing efficiency using OpenMP and Python multiprocessing, reducing processing time by over **70%** from weeks to days.
- Designed and implemented a MySQL database to structure large-scale genomic data, and developed a Flask web app, improving data accessibility and reducing data retrieval time by 30% for researchers.

Research Intern

University of Nottingham

06/2021 - 09/2021 Semenyih, MY

- Examined the origins of Blockchains, mapping out the progression of Consensus Algorithms and Distributed Networks; synthesized findings to anticipate future developments and their potential impact on industry growth and innovation.
- Assessed the performance of PoW and PoS consensus algorithms, culminating in a comprehensive report.

EDUCATION

Bachelor of Science in Computer Science

University of Nottingham Malaysia

09/2019 - 06/2022 Semenyih, MY

- Graduated with a First Class Honours.