

Saad Hassan

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EXPERIENCE

Software Engineer II

May 2022 – Present

Teamo Inc

Remote, PK

- Working with Microservices, API first, Cloudnative and Headless architecture for scalable eCommerce.
- Writing custom integrations for third-party services like Algolia, Adyen, Searchspring, and Shippit.
- Building Serverless REST APIs as an interface between commercetools and AWS-based backend.
- Writing Pub-Sub APIs (AWS SQS) for subscription-based queries.
- Setting up CI/CD pipelines using Bitbucket.
- Working with Terraform and GitHub Actions for infrastructure deployments.

Senior DevOps Engineer

Motism Tech

Remote, Estonia

- Deploying scalable microservices written in Node.js (TS) and Golang on GCP.
- Using GCP cloud functions and cloud run to build highly available infrastructure.
- Setting up CI/CD pipelines using Github Action.
- Working with Pulumi and Terraform for infrastructure deployments.

Tech Lead (Backend)

Dexplat

Remote, PK

- Leading team to build products using microservices and serverless architectures.
- Managing the development and deployment of all the backend services across multiple clouds.
- Architecting solutions for complex business problems involving large-scale real-time and asynchronous applications.

Backend and Data Engineer

Aug 2021 – Jan 2022

Vyro.ai

Islamabad, PK

- Built a company-wide revenue based marketing dashboard from multiple data sources which helped the company increase profits by 10-15%.
- Built ETL pipelines and workflows for streamlined data ingestion and processing.
- Developed data-driven dashboards in PowerBI and Google Data Studio for business KPIs.
- Built image inferencing APIs using AWS Lambda and Nvidia Triton Server for large-scale image processing and model inference.
- Reduced inferencing latency from 3 seconds to 1000ms.

PROJECTS

Nodejs Kafka Microservice | *Nodejs, Docker, Kafka, Microservices, JWT, MongoDB*

- Authentication and Authorization Microservice that uses Kafka Queue.

Google Apps Revenue Data Pipeline | *Python, Flask, SQL, API, Pandas*

- Datapipeline that collects data from Google Admob, Facebook Ads, Google Analytics and Google Ads into a single csv file and SQL database.

EDUCATION

The University of Lahore

Bachelor of Science in Computer Science

Lahore, PK

Sep. 2018 – June 2022

TECHNICAL SKILLS

Languages: Typescript, JavaScript, Python, Java, SQL (Postgres/MySQL)

Frameworks: Django, NestJS, Spring Boot, Flask, FastAPI

Backend: REST APIs, Webhooks, Websockets, GraphQL, gRPC

Cloud and DevOps: AWS, GCP, Jenkins, Docker, K8s, Vault, Istio, Terraform, Pulumi, Ansible

Logging and Monitoring: Grafana, Prometheus, ELK Stack

CI/CD: GitHub Actions, Jenkins, Gitlab CI/CD, ArgoCD, CloudFormation, Azure DevOps

Databases: PostgreSQL, MySQL, MongoDB, Cassandra, Supabase, Neo4j, Firebase, Elasticsearch, Redis

Data Engineering: Airflow, Snowflake, RedShift, BigQuery, PySpark, Hive