

Nazar Hasanov

PROFILE

contact@hasanovnazar.com — LinkedIn — GitHub (Kuala Lumpur, Malaysia)

Competent backend developer with expertise in various cloud services, **Golang, Python**, and its frameworks. Currently expanding my skills in **DevOps, Cloud, and AI development** through hands-on projects and certifications from **AWS, Azure, and Oracle**. I have experience fine-tuning AI models, including those from **YOLOv8**, as well as building models from scratch with **TensorFlow**. Additionally, I have worked on front-end projects using **React** and **Next.js**. I adapt seamlessly to team dynamics and excel in managing my workload independently while quickly adapting to new challenges.

EXPERIENCE

Cloud Engineer | Web Developer

APIIT Education

Aug 2020 – Present

Kuala Lumpur, Malaysia

- Increased efficiency and productivity in the workspace by designing and implementing an automated migration script using **Python, Docker, AWS ECS, ECR** and **Fargate** to transfer student data from **Oracle DB** to Moodle **LMS**, scheduled to run daily with **AWS EventBridge**. Automated the infrastructure building with **Terraform** and set up full **CI/CD** pipeline with **Bitbucket Pipeline** so that each commit a developer makes will go through standard process of software lifecycle and gets tested well enough before it can make it to production
- Improved operational efficiency and reduced admin workload by developing the Bus Scheduling System (TransiX) with **Python, Flask, Amazon RDS, S3, AWS Lambda**, and **Amazon API Gateway**. Automated schedule activations with **AWS EventBridge**, eliminating the need for manual interventions and enhancing system reliability and user satisfaction.
- Streamlined development processes by architecting a scalable and reliable development server environment on **AWS** and by using **Amazon EC2, Amazon RDS**, and **Amazon EFS**.

Full-Stack Developer | Growth Lead

Krunch

Aug. 2024 – Dec. 2024

United States

- Developed and maintained multiple projects using **Django** (backend) and **Next.js** with **TypeScript & TailwindCSS** (frontend), ensuring scalable and high-performance applications.
- Implemented a new feature in the admin panel utilizing **OpenAI agents**, asynchronous flows, and threading. This enhancement reduced admin workload by 60%, significantly improving operational efficiency and allowing the admin personnel to focus on higher-value tasks.
- Spearheaded marketing automation efforts, streamlining workflows, enhancing brand visibility, and contributing to higher engagement and user acquisition.

Backend | DevOps

Drangue (Contract)

Jul. 2024 – Aug. 2024

Kuala Lumpur, Malaysia

- Enhanced the scalability and reliability of the services, significantly reducing latency and improving user experience by migrating backend services and fine-tuned AI models to AWS. Introduced a robust architecture, where user requests are processed by **AWS Lambda** and sent to **AI inference** endpoints on **EC2 servers**. Automated the workflow by using **Github Actions** for **CI/CD pipeline**, **Terraform** as an **IaC** tool and **Zappa** for **AWS Lambda** configurations. Used **Amazon S3 Bucket** for managing the state of Terraform, thus simplifying the process of deploying and destroying cloud infrastructure.
- Improved security and introduced better management of user access by developing API key integration functionality for backend requests. Enabling secure and controlled access to the services and contributing to increased user trust and service adoption.

Backend Developer

Net Zero Technologies FZ-LLC

Aug. 2023 – May, 2024

Dubai, UAE

- Played a key role in the development of a cutting-edge application using **Python, Flask, SQLAlchemy, MySQL, NoSQL, GraphQL** and **AWS** technologies.
- Spearheaded the transition from manual to automated testing, selecting and setting up an optimal suite of tools including **PyTest** and **Postman** for API testing, which increased testing efficiency by **60%** and reduced testing cycles.
- Enhanced security and efficiency by adhering to AWS-recommended best practices based on the principle of least privilege. Accomplished this by strategically configuring numerous **IAM roles** and policies through **Terraform**.

Full-Stack Developer

TavernDao

Aug. 2022 – Dec. 2022

Singapore

- Developed user-centric, cross-browser compatible, and accessibility-compliant web applications using **React**, **TypeScript**, with **TailwindCSS**, and **Chakra UI**, enhancing usability across diverse user bases.
- Streamlined real-time data synchronization and updates through seamless **Firebase** integration, resulting in improved application responsiveness and functionality. Optimized performance to deliver faster load times and a smoother user experience.

CERTIFICATES

AWS Certified: SysOps Administrator - Associate
AWS Certified: Solution Architect - Associate
Microsoft Certified: Azure Fundamentals
Oracle Certified: Foundations Associate
RunCloud Young Technovation: Cloud Practitioner Challenge

EDUCATION

Staffordshire University
BSc (Hons) in Computer Software Engineering (Dual Degree)

De Montfort University
Master of Business Administration - Digital Leadership (Dual Degree)