Links 🔗 :   GitHub   Personal   Website   Linkedin   Youtube

Contact 📧 :   yahiesharif01@gmail.com   07826395960

Yahie Sharif

Software Engineer & Developer 🧑🏽‍💻

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Backend Engineer with proven experience in building scalable, efficient solutions using Golang, Docker, and GitHub Actions. Passionate about contributing to innovative, sustainable technology projects with a history of success in both personal and professional settings.

Skills & Area of Expertise

Frontend: Flutter, HTML, CSS, Kotlin, React, Svelte
Backend: node.js, Django, Express, .Net (C#)
Hosting and Deployment: CI/CD, GitHub Actions, Kubernetes, Heroku
Testing: Unit&Integration Testing, Gomock, Junit, Cypress, Playwright
Database: noSQL firestore, PostgreSQL, MSSQl Server, MongoDB
Tools and languages: GCP, Azure Dev ops, Golang, Python, Cloud/Serverless functions, Grafana, Terraform, Firebase
Knowledgeable in: Microservices, Restful APIs, Architecting software, Backend engineering, Documentation, Agile, TDD and automated testing, Mobile Development

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Experience

Ceox Services / Software developer

SEPT 2023 - JAN 2024, GUILDFORD

- Wrote Power Automate flows, integrating with 3rd party custom APIs such as GOV.UK Notify and GOV.UK pay
- Developed Power page applications working with popular web technologies such as **Typescript**, **HTML** and **CSS**
- Implemented modern development practices, such as integrating **GitHub** with **Canvas app** development.
- Demonstrated exceptional skill in managing the **DevOps** board, efficiently overseeing project lifecycles
- Wrote custom power automate connectors written in .Net and deployed as **Azure functions**
- Configured CI/CD workflows within **Azure Pipelines**, ensuring streamlined build and release processes for Power Apps.
- Assisted in the Development of the internal company praise system. Where I interacted with 3rd party APIs such as BambooHR to automate new hire and onboarding processes
- Maintained a commitment to continuous learning and improvement, staying ahead of industry trends and technological advancements, particularly in the realms of **DevOps** and **Azure**.

Pexip / Software engineer

JUNE 2022 - SEPT 2022, READING

- Developed a regex-based microservice for Pexip to debug and validate cross-platform meeting links
- Crafted custom metrics and logging solutions in **Grafana** using PromQL, providing critical insights for performance optimisation and service monitoring.
- Implemented new CI/CD pipelines to automatically test deployed code before
- Integrated and manipulated services using the Microsoft **Graph REST API,** demonstrating advanced capabilities in **API** utilisation and service integration
- Developed, deployed, and monitored cloud-based and on-premise microservices, ensuring adherence to service-level agreements and stakeholder satisfaction.
- Leveraged the Azure platform for managing and provisioning infrastructure, employing **Terraform** for efficient and reliable resource configuration.
- Utilised **Kubernetes** for orchestrating **containerised** applications, ensuring scalable and resilient deployment across varied environments
- Utilised the Azure platform extensively for managing infrastructure and resources,

showcasing proficiency in cloud services and **infrastructure management**.
-   Developed comprehensive test suites for microservices using Go

UON Software Engineering Project / Group Leader

SEPT 2021 - JUNE 2022, NOTTINGHAM

-   Led a group of 5 students in the completion of our university software engineering project.
-   Provided technical support to the team by assisting in writing code, managing our **git** repository, and writing tests
-   Provided guidance and support to group members to help them develop their research skills
–   Utilised **Jira** to assign tickets and manage project progress, ensuring that all tasks were tracked and completed efficiently
-   Created a Java-based GUI low-code tool enabling users to effortlessly design microcontroller rule specifications through intuitive drag-and-drop functionality.

Projects

Dinnertime

-Technologies Used: FlutterFlow, Firebase, Google Cloud Functions, node.js(Express), Instagram Graph API, Stripe

Project Description:

Developed a mobile application designed to connect diners with local chefs for unique home dining experiences. This project was an excellent opportunity to showcase my full-stack development skills, combining a modern tech stack with best practices in software development. From development, testing, documentation and deployment

-   Utilised Flutter to design and implement a user-friendly and responsive frontend.
-   Integrated Firebase for user authentication, data storage, and real-time database interactions.
-   Leveraged Google Cloud Functions to handle event-driven backend
-   Developed a custom backend node.js server using express, fulfilling specific requirements that Firebase could not address alone.
-   Implemented RESTful APIs to handle complex queries and transactions, bridging the gap between the front-end and Firebase services.
-   Deployed the node.js server on the Heroku cloud
-   Focused on creating a scalable solution capable of handling varying user loads with minimal latency.
-   Employed best practices in database management and query optimization to ensure high performance and reliability.

Education & Qualifications

University of Nottingham BSc Computer science

SEP 2020 - JUN 2023, NOTTINGHAM

Microsoft Certificates / PL-900, PL-400, MB-230, AZ-900

Sir George Monoux 6th form college A-Level & GCSE

SEP 2017 - JUN 2020, NOTTINGHAM

A-Level A*-B   GCSE 8 A*-C

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