Yahie Sharif

Software Engineer &
Power Platforms
Developer

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Skills & Area of Expertise

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Experience

07826395960   yahiesharif01@gmail.com   London

Seasoned 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.

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

Additionally: Powerapps, Dynamics 365, Power Automate, Dataverse

Ceox Services / Technical consultant

SEPT 2023 - PRESENT, GUILDFORD

- Contributed to the development and deployment of Power Platform applications, focusing on the public sector, leveraging a comprehensive range of Microsoft technologies including Power Automate, Dataverse, and Azure.
- Engaged with clients to understand their requirements, translating needs into detailed technical specifications and user stories.
- Championed organisational change by implementing modern development practices, notably integrating GitHub with Canvas app development, enhancing collaboration and version control.
- Demonstrated exceptional skill in managing the DevOps board, efficiently overseeing project lifecycles from concept to deployment, and ensuring timely delivery of high-quality solutions.
- Collaborated closely with cross-functional teams to ensure project alignment with business objectives, often acting as a bridge between technical teams and non-technical stakeholders.
- Maintained a commitment to continuous learning and improvement, staying ahead of industry trends and technological advancements, particularly in the realms of DevOps and Azure.
- Received recognition for outstanding performance and contributions to project success, reflecting a strong dedication to technological excellence and client satisfaction.

Pexip / Software engineer

JUNE 2022 - SEPT 2022, READING

- Crafted custom metrics and logging solutions in Grafana using PromQL, providing critical insights for performance optimization and service monitoring.
- 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 services, 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.

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.

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 FlutterFlow 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 2020 - JUN 2023, NOTTINGHAM

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