Warsame Osman   Email : osm.warsame@gmail.com
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SUMMARY

A junior DevOps engineer with experience in AWS, Kubernetes, Docker, and Terraform. Proficient in managing and automating infrastructure and deployments. Expertise in leveraging AWS services for cloud computing, storage, and networking needs. Expertise in Kubernetes Orchestration through . Up-to date and continuously learning and adapting to new technologies and practices in the rapidly evolving DevOps landscape.

PROJECTS

- **Mobile Wallet**:   *November 2023 - March 2024*
  - Allow users to transfer, top up, and view their digital wallet.
  - Provide real-time currency conversion for seamless transactions across different currencies through custom **API** call.
  - Designed the user interface using Frontend Technologies ReactJs and BootStrap
  - Developed backend using **AWS Serverless** framework with its NodeJs scripts in order to store the state of the wallet.
  - Github Actions CI/CD for seamless integration and deployments
  - **AWS SQS** email distribution for notifications if their is insufficient funds in the wallet for the user to take out

- **EduVid**:   *March 2023 - October 2023*
  - An online learning platform where you can learn different technologies and software tools used in today's age to the likes of **Javascript** and **Python**
  - Designed the user interface using Frontend Technologies
  - Developed backend using **AWS Lambda** web service with its python scripts in order to upload video content to learning platform.
  - Github Actions CI/CD for seamless integration and deployments
  - **AWS SQS** email distribution for notifications if their is insufficient funds in the wallet for the user to take out

- **Helm Starter**:   *February 2023 - Sept 2022*
  - Prompt the user with questions to tailor the **Helm** project structure based on their requirements.
  - Offer a range of pre-defined Helm templates for common Kubernetes applications like web servers, databases, and more.
  - Custom Configuration: Allow users to specify configurations, such as resources (CPU, Memory), environment variables, and
  - Auto-generate README.md files with clear instructions on how to deploy the Helm chart, prerequisites, and configuration options.
  - Before generating the Helm project, validate user inputs to ensure that they meet certain Kubernetes best practices.

- **EventZi**:   *May 2022 - August 2022*
  - Allow users to add events listings, buy tickets to events, and view the Event Log.
  - Run frontend and backend, database and database GUI locally on **Docker Compose**
  - Designed the user interface using Frontend Technologies ReactJs and BootStrap
  - Use **AWS S3** to store images of events in the cloud for client use
  - Developed backend using Lambda to create a **REST API** and Integrated to the Backend
  - Automated testing with **CI/CD** to run tests on every Pull request to avoid bugs

EDUCATION

- **YU Lassonde School of Engineering**   Toronto, Ontario, Canada
  Bachelor of Science in Computer Science   *September. 2017 – June. 2022*

CERTIFICATIONS

- **CKAD Certified Kubernetes Application Developer**:   *August 2023 - 2026*
  Certificate Id: LF-2oaxucvi2c

- **AWS Certified Developer Associate**:   *March 2024*
- **AWS Certified Solutions Architect Associate**:   *March 2024*
- **HashiCorp Certified: Terraform Associate**:   *April 2024*

TOOLS AND TECHNOLOGIES

JavaScript, AWS Lambda, AWS EC2, AWS S3, Kubernetes, Helm, Terraform, TypeScript, HTML/CSS,XML,JSON, Window OS,Linux, Ubuntu, Git,Docker, MySQL, PostgreSQL, TCP/IP,DNS, ReactJs, NodeJs,JQuery