Raqin Shikder

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WORK EXPERIENCE

Volterra Technologies   **Sept. 2023 – Dec. 2023**
Devops Intern   *Vancouver, British Columbia*

- employing AWS CloudFormation to create a secure Virtual Private Server (VPS) with segmented subnets, reinforcing network security and resource isolation.
- Utilizing CloudFormation to configure Amazon S3 buckets and manage an Amazon RDS database, ensuring efficient data storage, integrity, and accessibility for EV battery data.
- setting up and maintaining Amazon Kinesis for real-time data analysis
- Setting up access control for different teams using Amazon IAM
- Creation of a CI/CD pipeline to automate the application of changes pushed to code commit.

Roll a Hippo Foundation   **Jan. 2023 – May 2023**
Software Intern   *Vancouver, British Columbia*

- Utilized Django and SQLite to develop webpages for a user management system, including the implementation of web forms for adding new users to the database and user-friendly interfaces for editing and removing users.
- Employed Agile methodology and GitHub for effective project management, enabling iterative development, collaboration, and on-time delivery of high-quality code.

Projects

Recipe   **April 2022 – May 2022**

- Collaborated with a group of BCIT students to develop an intuitive Ingredient-Based Recipe Finder application. The app empowers users to discover recipes tailored to the ingredients they have on hand, simplifying meal planning and preparation.

Home Lab   Dec 2022 – Ongoing

- Created a personal Ubuntu home lab server for hosting diverse services including a home media server, VPN, personal portfolio website, while effectively implementing port forwarding and reverse proxy configurations for seamless access and management

EDUCATION

British Columbia Institute of Technology   **Expected graduation date: Dec. 2023**
Diploma in Computer Information Technology

Relevant Courses:

Service Based Architecture, Linux System Administration, Docker and Kubernetes Infrastructure Provisioning, Enterprise Networking, Object Oriented Programming

CERTIFICATIONS, SKILLS & INTERESTS

- **Certifications:** AWS Certified Cloud Practitioner
- **Skills:** Docker, Kubernetes, Aws, Python, JavaScript, Ansible, Terraform, Azure, Linux,
- **Interests** Basketball, League of legends, Mathematics, Weightlifting