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SUMMARY

- Proficient in DevOps tools including AWS, Linux (Ubuntu), Docker, Kubernetes, Jenkins and Bash scripting
- Expertise in LINUX operating system both in command and script
- Programming languages: Python, JavaScript, Java and C++
- Database administration and database programming languages: Oracle, MySQL, SQL
- Experienced in using developer tools including VS Code, Eclipse, NetBeans, and Android Studio
- Familiar with technologies and frameworks like Linux, GitHub, and WordPress
- Excellent interpersonal and communications skills, strong willing and excellent ability to learn new knowledge and technology
- Outstanding organizational, multitasking, and problem-solving abilities

PROJECT

San Francisco Bay University   Fremont, CA
Course: Cloud Computing Infrastructure   01/2023 - 04/2023

- Utilized **Python's Flask** framework and requests library to build a microservice, making **API** calls to external services to retrieve zip code and weather data
- Containerized the **microservice** using **Docker** to simplify deployment and ensure consistency across environments
- Configured the **Docker container** to expose port **5000** and run the Flask application using the command "**flask run**"
- Incorporated **error handling** mechanisms in the microservice to ensure robustness and reliability in handling unexpected inputs or responses from external APIs

San Francisco Bay University   Fremont, CA
Course: Mobile Application Development   09/2022 - 12/2022

- Developed an **Android** app in **Java** using Android Studio to detect face, text, and QR/barcode
- Leveraged the open-source QR code scanner library **ZXing** to enable scanning and reading of codes
- Utilized the ZXingScannerView class to create a scanner view that can be embedded in the app
- Implemented the **ResultHandler** interface to handle the results of the QR/barcode scan
- Used the **AlertDialog** class to display the result of the scan and allow users to visit the scanned URL or continue scanning
- Requested the appropriate **permissions** from the user using the Android permission system to ensure secure access to device camera

San Francisco Bay University   Dhaka, BD
Course: Web Application and Internet   09/2022 - 12/2022

- Designed a visually appealing and user-friendly interface using **HTML**, **CSS**, and **Bootstrap**
- Implemented client-side functionality using **JavaScript** and **jQuery** to create interactive features such as drop-down menus and pop-ups, enhancing user experience on the airline reservation system website
- Implemented server-side scripting using **PHP**, allowing users to access the website and book flights with secure authentication
- Created a database to store user and flight information using **MySQL**, and used **CRUD** (create, read, update, delete) operations to manipulate the data
- Ensured the website was secure and robust by using **PHP** to validate user input and prevent **MySQL** injection attacks

EDUCATION

San Francisco Bay University   Fremont, CA

Master of Science in Computer Science (M.S.C.S)   09/2022 - 04/2024

Overall GPA   3.95/4.0