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Farhan Haziq

Previous Education:

Colorado State University, Fort Collins, CO | *Bachelor's in Computer Science (BSc.)* | Graduated May 2022 | 2018 - 2022

Past Experiences:

Colorado State University, Fort Collins, CO |
Student Developer - Internship | Aug 2021 – Dec 2021

- Coordinated and developed with 5 persons teams to developed and maintained a **single-page web application** (SPA).
- Work with business analyst to ensure requirement line up with customer's need.
- Wrote the front-end using **ReactJS** alongside **Java** as its back-end running on **Spring Boot**.
- Improves code test coverage from 60% to 80% by utilizing **Junit** and **Jest** unit testing suite.
- Practices **Agile** principles and using **Scrum** tools such as **Jira** to track any issues with the application.
- Versioning the code with **Git** via **GitHub** as well as setting up the CI/CD on the server via GitHub Actions to ensure timely and continuous development.
- Producing test cases for all developed code.
- Optimized and refactored a big **MySQL** Query which improves query speed from 1 minute query to 3 second queries.

The Foundry, Fort Collins, CO | *Student Supervisor* |
Jan 2019 – May 2022

- Lead, managed and supervised up to 20 employees to ensure optimal working level and well-being of employees.
- Optimized and allocated available employees, preventing any unwanted downtime ensure lean operations.
- Trained new and novices hires on how to best serves people and teams of employees.
- Received "*Employee of the Month*" Award in July 2021 for having a good managerial skills.

Previous Project:

Lexemes for A fictional programming language:

- Developed a lexemes and compiler for a fictional programming languages using modern **C++**.
- Utilizing the object-oriented programming concept and reduced as much as 35% in code duplication.
- Wrote code compiling automation using **CMake** which increases productivity in writing code by 50%.

Continuous Glucose Monitoring (CGM) using Raspberry Pi (RasPi):

- Created A continuous glucose monitoring hardware to track diabetic glucose level.
- Make use of Raspberry Pi in order to communicate with the Dexcom CGM.
- Fully written in **Python**.
- Utilized Pydexcom Python-based API in order to make the RasPi communicate with the Dexcom CGM.
- Decreases the need to use the Dexcom phone app by 25% in order to check for blood-glucose level thus reducing phone dependency.

Technologies used:

- Windows, Linux, OSX, macOS, JavaScript, TypeScript, C/C++, Java, Python, C, C++, JDBC, MySQL, MariaDB, Amazon, Artificial Intelligence, Google, Googling, React.JS, Node.js, Maven, Ant, HTML5, CSS , Groovy, Git, GitHub, Facebook, SDE, HTML5, CSS, continuous delivery, CI/CD, Microsoft.