KHOA T BUI

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OBJECTIVE

Highly motivated software engineer passionate about creating efficient and user-friendly applications. Experienced in both software development and software quality assurance through internships and academic projects. Skilled in C, C++, Java, Python, JavaScript, and SQL, and familiar with Agile software development methodologies. Seeking an opportunity to apply my skills and knowledge as an Entry Level Software Engineer.

EDUCATION

Bachelor of Computer Science, San Jose State University   2020 - 2022
Relevant Coursework : Data Structures and Algorithms, Object-Oriented Programming, Computer Architecture, Operating Systems, Programming Paradigms, and Data Management with no SQL.

Associate of Computer Science, De Anza College   2017 - 2017

SKILLS

Technical Skills	Java, HTML, CSS, R, Python, SAS Base, Visual Basic, C, C++
Databases	SQL (MySQL, TSQL, SQLite3) and NoSQL (MongoDB, Cassandra)
Java Web Technology	Spring Boot, Spring MVC, Restful Service, JSON
Tools	JIRA, Git, Github, Linux, Window, MacOS.

EXPERIENCE

Software Quality Assurance Intern   Dec 2021 - May 2022
Netgear Inc.   *San Jose, CA*

- Assisted in creating test cases and conducting manual testing on different router models.
- Performed detailed post-release Android application testing during the software QA cycle and analyzed software issues using Glass Box, Firebase, and Antibug.
- Created 100+ test cases and reported 40+ bugs for Android applications using Jira, Confluence page.
- Collaborated with the development team to develop an application that helped improve the test speed by 30% using Python, QT, and REST APIs.

IT/Virtual Private Server   Jan 2021 - Dec 2021
Interdata   *Ho Chi Minh, Vietnam*

- Led the administration and maintenance of server networks and environments, such as server hardware, systems, software, application software, and all configurations.
- Ensured the installation and testing of local area networks (LAN), wide area networks (WAN), routers, switches, controllers, and networking equipment by configuring and defining parameters.
- Met and exceeded customer requirements by providing expert advice and guidance on computer configurations.

PROJECTS

Travel Review Website: Built a website that lets people can share their travel experience by using **NodeJS**, **Express**, and **MongoDB**. This project helps people share and get experience from others to prepare for their next trips. The website's core functions include: User management, submitting travel experiences, and writing a comment for experience posts. Successfully implementing **Mongoose API, JWT API, Bcrypt API** to help ensure the safety of user information. (Try it here)

Restaurant Management Application: Build an application to help Restaurants manage their business using **Python, MySQL, and QT**. This Project helps Restaurants improve services by 30% and automatically take orders, generate receipts, send receipts via email using **smtplib**, analyze and keep track of data to improve stock up ingredients using **pandas, matplotlib**.

Database Management System Clone mySQL Build a Database Management system using **C, Docker and Embedded SQL statements**. This project Analyzed inputted criteria to validate the SQL command, executed the command and displayed the result to the console, and stored the database in a .bat file.

Personal Portfolio Website: Designed and developed a personal portfolio React Application using **HTML, CSS, and JavaScript** to showcase my skills and projects, demonstrating my front-end development skills and attention to detail. (See me here)