MINH NGUYEN

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SUMMARY

Recent graduate with a Master's degree in Information Technology from Flinders University (2023). Aiming for a challenging role as an IT professional, particularly as a Software Engineer/Developer. Proficient in utilizing technologies such as HTML, CSS, JavaScript, and NodeJS. Eager to apply academic knowledge and hands-on skills to contribute effectively in a dynamic IT environment.

SKILLS

Technical Skills

- Programming Languages: HTML, CSS, JavaScript, PHP, Java.
- Database and Tools: SQL, R, MySQL, RStudio, MySQL Workbench.
- Development Tools: Azure DevOps, GitHub, Figma.
- Others: Microsoft office.

Soft Skills

- Proven communicator with a talent for clear expression and active listening.
- Collaborative team contributor fostering a positive team environment.
- Quick adaptability to change and new technologies.
- Analytical thinker with a knack for resourceful problem-solving.
- Efficient task prioritization ensuring timely deadline completion.
- Quick learner, adept at swiftly grasping and implementing new concepts and technologies.

EDUCATION

Master of Information Technology – Flinders University, SA   Feb 2021 – Dec 2023

Achievement:

- GPA – 6.37/7
- Chancellor's Letters of Commendation for excellent academic performance
- Best Innovation Award the topic of "Engineering Management / ICT Management and Professional Standards" at Flinders University

Bachelor's in law – Ho Chi Minh City University, VN   Sep 2009 – Dec 2013

DEGREE-RELATED PROJECTS

For more details, please visit my Portfolio page.

Project/Task Management Tool

Overview: Developed a comprehensive project/task management tool.

Technology and Tools Applied: Languages: HTML, CSS, JavaScript, PHP, SQL; IDE: Visual Studio Code; Database: MySQL; Server: XAMPP; Design: Figma.

My Role: Led the entire project lifecycle independently (4 cycles), from conceptualization to implementation. Responsibilities included design, demonstration, data creation, functional development, testing and presentation.

DevOps Project (Group project)

Overview: Applying DevOps principles and tools to develop a Personal Health Application.

Technology and tool applied: Microsoft Azure DevOps, Angular, Node.js, Microsoft SQL Database, Git via Azure DevOps Repos, HTML, CSS, JavaScript, VS Code, Microsoft Teams.

My role: Served as the primary tester for the project, responsible for creating the testing plan, executing tests, and generating comprehensive testing reports.

Testing and Quality Assurance Project

Overview: Developed a Student Database Management Application using Java, incorporating both black box and white box testing techniques to practice and refine software testing methodologies.

Technology and tool applied: Java, IntelliJ IDEA, Junit5, Microsoft office tool.

My role: Spearheaded the demonstration of both black box and white box testing techniques to guarantee a comprehensive testing approach, achieving a minimum coverage of 85%.

Data Analysis Project

Overview: Conduct an analysis covers various aspects of data collection, data wrangling, data analysis and data prediction of sales data collected from the database in MongoDB to gain insights into the sales performance of a company.

Technology and tool applied: R, RStudio

My role: Led the team in conducting an in-depth analysis, overseeing aspects such as data collection, data wrangling, and implementing predictive analytics. The focus was on extracting meaningful insights to enhance the understanding of the company's sales performance.

WORK EXPERIENCE

Flinders University (Nov 2022 – Jan 2023)

Casual Professional Register – Information Technology (Canvas Migration Project)

Imported content from FLO to Canvas – Cleaning – up content and writing report. Peer – reviewing migrating topics and giving feedbacks.

Key Learning:

- Data analysis: The ability to clean up content and write reports on the data that has been imported.
- Quality assurance: Familiarity with peer-reviewing migrated topics and fixing content, ensuring that the data is accurate and consistent.
- Problem solving skills: Being able to efficiently plan and organize the content migration process.
- Adaptability: Being able to adapt to new systems, technologies, and processes, and quickly learn new thing skills.

City of Melbourne, VIC (Sep 2021 – Feb 2022)

Shop Front Vacancy Audit Officer - Economic Development & International

The Shop Front Vacancy Audit team is responsible for auditing 100% of businesses over a monthly reporting cycle as this is critical to the success of the program. To gather business operational data, helping to establish when business is open or reopening for community forums or communication platforms.

Key Learning:

- Data Integrity & Quality: Highly accurate processing of raw data into database using a mobile-based application.
- Research/ Reporting: Collection and collation of readily observable and retrievable information. In partnership with the Audit Supervisor examine the accuracy of data and resolve data discrepancies that require corrections.
- Teamwork: The ability to self-organize and work autonomously is essential as Audit Officers often work without close guidance or supervision. Independently make changes to collection patterns, exhibit the flexibility necessary to multitask and demonstrate excellent time management skills to meet deadlines.