
LYKHEANG TAING

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PROFESSIONAL SUMMARY

Recent graduate with a Master of Information Technology from the University of Auckland, specializing in web and software development. Skilled in front-end and back-end technologies, with experience in real-world projects. Seeking a full-time role to apply technical expertise and contribute to innovative solutions.

SKILLS

- **Web Development:** Proficient in ASP.NET, HTML, CSS, JavaScript, and SwiftUI, applied in academic and internship projects.
- **Full-Stack Expertise:** Skilled in the MERN stack (MongoDB, Express.js, React.js, Node.js), enhancing web functionality and user engagement.
- **Programming Languages:** Proficient in Python, JavaScript, and C#, with practical experience in multiple projects.
- **Database Management:** Experienced in managing databases using SQL Server and MongoDB for robust data analysis and application integration.
- **Data Analysis:** Advanced statistical analysis using R, including ANOVA and MANOVA, for data-driven insights.
- **API Integration:** Experienced in integrating third-party APIs like Spotify and OpenAI into applications to expand functionality.
- **Cloud Computing:** Skilled in deploying applications to cloud services like AWS and Azure.
- **Team Collaboration:** Demonstrated ability to work independently and collaboratively in team environments to achieve project goals.
- **Problem Solving:** Adept at identifying and implementing solutions in complex technical situations.
- **Software Proficiency:** Competent in Microsoft Office Suite for documentation and presentations.
- **Mastered advanced data analytics** skills by employing IBM SPSS and Python to develop and implement machine learning solutions for real-world problems

EDUCATION

Master Of Information Technology: Information Technology, 07/2023 – 11/2024
University of Auckland - Auckland, New Zealand

Bachelor's degree: Computer Science and Information Technology and Management, 07/2020 – 07/2023
University of Auckland - Auckland, New Zealand

PROJECT

Frontend Developer (MediMate Project)

07/2024 – 11/2024

Internship, COMPSCI 778, The University of Auckland – Auckland, New Zealand

- Developed a SwiftUI application allowing users to search for medicines using keywords or images.
- Implemented image recognition using ChatGPT CLIP to extract text and search a database, returning relevant results.
- Enabled e-commerce functionality, allowing users to purchase medicines and pick them up from preferred stores.

Data Mining

03/2024 – 06/2024

Big Data and Data Mining, INFOSYS 722, The University of Auckland – Auckland, New Zealand

- Executed a Big Data Analytics project in INFOSYS 722 using IBM SPSS and Python, addressing a UN Sustainable Development Goal."
- Applied machine learning algorithms and data mining techniques in SPSS and Python to transform complex data sets into actionable insights.
- Achieved an A+ in INFOSYS 722, demonstrating proficiency in integrating multiple analytics platforms for real-world application.

Full-Stack Developer (Music Web Project)

03/2024 – 06/2024

The University of Auckland – Auckland, New Zealand

- Designed an interactive music platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Developed a chatbot powered by OpenAI GPT to recommend music tracks based on user emotions.
- Integrated a real-time chatroom feature enabling users to share music preferences.

UoA Micro Internship

06/2023 – 07/2023

Danone NZ – Auckland, New Zealand

- Created a microservice, "Display Only," to generate PDF files based on product data, reducing manual errors and waste.
- Defined project scope and timelines while ensuring efficient execution.
- Collaborated in a team and worked independently to meet project goals.

Backend Developer (Capstone Project)

01/2023 – 07/2023

University of Auckland – Auckland, New Zealand

- Developed a backend for a web application to handle CRUD operations using ASP.NET 8 and the Entity Framework with CQRS.
- Designed and implemented robust authentication and authorization mechanisms for API users.
- Built an MS SQL database structured on C# classes and deployed the application to Azure Cloud.

VOLUNTEER EXPERIENCE

Secretary

01/2022 – 12/2022

Auckland UNI Khmer Society – Auckland, New Zealand

- Assisted in organizing special events and programs to foster cultural engagement.
- Communicated effectively with members and visitors, providing information about the society and its initiatives.
- Contributed to the smooth running of events by supporting planning and coordination efforts.
- Collaborated with a team to achieve high levels of productivity and event success.

LANGUAGES

Khmer

Chinese (Mandarin)

English

Chinese (Cantonese)

REFEREES

REFERENCE AVAILABLE ON REQUEST