

Thomas Kerr-Smith

SUMMARY

Recent graduate with a Bachelor's in Digital Technologies, majoring in Software and Web Development. Possessing a solid foundation in software design, development, and testing, I bring excellent analytical, technical, programming, and communication skills to the table. Eager to apply my knowledge in a dynamic professional setting and contribute to innovation and success.

EDUCATION

Manukau Institute of Technology

Bachelor of Digital Technology, Software and Web Development
2021 - 2023

Auckland Grammar School

Tibbs House Boarding School
2013 - 2018

SKILLS

- Programming Languages
 - C#, Swift, Python Node.js, Javascript, HTML, CSS.
- Tools/Frameworks
 - Android Studio, Visual Studio Code, MySQL, ASP.NET, XCode.
- Write efficient, maintainable and testable code.
- Strong teamwork and communication skills, both written and oral in a highly collaborative environment
- Ability to self-motivate with a strong desire to learn and ability to be flexible
- Strong organisational and time management skills, with the ability to prioritise multiple tasks, work under pressure and meet deadlines
- Strong knowledge of Microsoft Office elements including Word, Excel, Outlook

SOFTWARE PROJECTS

Industry Project - Node.js and ASP.NET security analysis.

- Conducted a comparative analysis between Node.js and ASP.NET, all while considering the emerging 'shift-left' trend in software development
- Created two web applications using both environments to compare how both handled and mitigated security risks.
- This project tackled security issues such as cross-site scripting, SQL injection and brute force attacks.
- Utilised: C#, Node.js, Visual Studio Code, Visual Studio, NPM, NuGet, Snyk Security Database

.NET book store web application

- Created a book store web application in visual studio which contained cart, payment, user and role management.
- Connected the web application to a SQL server which contained the database.
- Utilised: C#, SQL Server, Stripe, Visual Studio.

Cloud Computing SaaS Project

- Created a MVC school management system which contains staff details, student details and grades.
- This web application uses a azure function to calculate student grades.
- Utilised: C#, SQL Server, Azure, Visual Studio.

Xcode API Application

- Created an iPhone app which allowed users to search and store random information from a public web API to core data,
- Utilised: Swift, Xcode, public API.

REFERENCES

Vanessa Burns

- Managing Director
- Vanessa.Burns@gmail.com
- 027 439 9660

Mitchell Burns

- Operations Manager
- mitchellandvanessa@gmail.com
- 021 646 753

Sreenivas Sremath Tirumala

- Lecturer
- sreenivas.tirumala@manukau.ac.nz

WORK EXPERIENCE

A.hartrodt. January 2019 - December 2023

- Warehouse Assistant
- Part time - Casual Work

Cardinal Logistics. January 2022 - March 2022

- Reach Driver - Summer Job

Cory's Electrical. January 2021 - February 2021

- Store Assistant - Summer Job

Aldus Tronics. January 2019 - July 2020

- Operations and Production Assistant - Full Time