

# Mihir Patel

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## PROFILE

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Full-stack developer with expertise in Next.js, React, and JavaScript, complemented by a Bachelor's degree in Computer Science with a Cybersecurity major. Proficient in building scalable web applications using modern frameworks and implementing secure coding practices. Strong foundation in database management using Supabase, Firebase and MySQL. Committed to writing clean, efficient code and staying current with emerging technologies while applying cybersecurity best practices in development.

## EDUCATION

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<b>University of Wollongong</b> <i>Bachelor of Computer Science, Major in Cybersecurity</i>	Liverpool, NSW Feb 2023 – Nov 2024
<b>UOW College</b> <i>Diploma in Information Technology</i>	Liverpool, NSW Feb. 2022 – Dec 2022

## EXPERIENCE

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<b>Web Developer</b> <i>Luxury Chauffeur and Tours</i>	Aug 2024 – Nov 2024 Circular Quay, NSW
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- Successfully restored and updated the organisation's WordPress website's booking system, ensuring optimal performance and user accessibility.
- Transformed the WordPress platform into a Next.js application, resulting in faster load times and a more intuitive user interface.
- Collaborated with the SEO team to optimize website content, implement meta tags, and improve site structure to enhance search engine rankings and visibility.

<b>Storeperson</b> <i>Makita Australia</i>	Jan 2024 – Aug 2024 Pemulwuy, NSW
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- Efficiently handled product returns from NSW retailers, categorising items based on damage, customer preferences, incorrect shipments, and packaging issues.
- Accurately updated inventory records to reflect returned items, ensuring precise stock levels and effective inventory control .
- Performed computer-based tasks, including tracking daily operations and managing inventory systems, to support seamless warehouse functions.
- Led a team of two in clearing overflow stock, enhancing warehouse efficiency and maintaining optimal operational standards.

<b>Picker and Packer</b> <i>Makita Australia</i>	Sep 2023 – Jan 2024 Pemulwuy, NSW
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- Consistently met and exceeded daily Key Performance Indicators (KPIs) by accurately picking and packing power tools, ensuring timely order fulfilment and customer satisfaction.
- Maintained a 99% order accuracy rate by meticulously verifying product selections and packaging, contributing to reduced returns and improved operational efficiency .

<b>Machine Operator</b> <i>ResMed</i>	Apr 2022 – Sep 2023 Bella Vista, NSW
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- Ensured continuous machine operation by performing regular maintenance and cleaning of moulds, preventing defects in final health device products.
- Maintained accurate production records through bi-hourly documentation, tracking output and personal performance metrics.
- Adhered strictly to safety protocols and Good Manufacturing Practices (GMP), contributing to a safe and compliant manufacturing environment.

## PROJECTS

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### **ADAPT - AI Data Visualisation Population Ageing Toolkit** <https://adapt-mvp.vercel.app/home>

*Next.js, Clerk, Supabase, Javascript, Python, Neo4j*

- ADAPT is a data visualisation platform that uses Australia's previous census data to generate graphs and insights based on parameters such as geography, area, and data points.
- Developed the frontend using Next.js, focusing on responsive design and interactive data visualization features.

### **FoodHub** <https://hungr.vercel.app/login>

*Next.js, Supabase, Javascript*

- FoodHub is a food ordering platform that allows users to order food from nearby restaurants by browsing their menus, with the ability to filter options by food type and cuisine.
- Led frontend and presentation development, along with backend logic for seamless user experience and menu filtering functionality.

### **VGP Foundation** <https://vgpf.vercel.app/>

*React, Firebase, Javascript*

- VGP Foundation is a platform that enables users to find jobs, accommodations, and events nearby, as well as post job and accommodation listings.
- Designed and developed the entire platform, including frontend, backend, and integration with Firebase for user management and data storage.

## COURSEWORK

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- Data Structures and Algorithms
- Foundation of AI
- Project Management
- Database Management Systems
- Computer Networks
- Cybersecurity Fundamentals
- Software Engineering
- Web Development

## TECHNICAL SKILLS

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### **Programming Languages**

C++    Java    Python    JavaScript    SQL

### **Frameworks**

Next.js    Node.js    Supabase    MySQL    Git    GitHub

### **Libraries**

React    STL (Standard Template Library)

## CERTIFICATIONS

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- Cloud Foundations
- Introduction to Machine Learning
- Java(Basic)
- Logistic Regression Algorithm
- Predictive Modeling and Analytics - Regression
- Python for Data Science
- SQL (Intermediate)
- Python (Intermediate)
- Introduction to R

INTERESTS

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- Traveling
- Photography
- Movies
- Music

REFERENCE

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Available upon request