

# Jyhe Mark

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## Technical skills summary

- Backend development in .NET with C#
- Planning, development, and maintenance of new and legacy microservice / cloud native infrastructure, and monoliths.
- Design and development of RESTful APIs
- System integrations
- Test driven development
- Git
- Working familiarity with
  - HTML, SCSS, JavaScript, React
  - Java, SQL, PHP, WordPress, C++
  - Azure, Kubernetes, Azure ServiceBus, AKKA.NET, Python, GraphQL
- Native English speaker, B2 level Norwegian

## Employment History

### Backend .NET Developer

April 2021 – Now

Hurtigruten Group, Oslo

- C#, .NET, REST, Azure, GraphQL
- Developed new and maintained existing features for the primary booking engine.
- Helped in design and development of breaking up existing monolithic applications into distributed systems leveraging RESTful APIs, and Azure ServiceBus.
- Lead the API and system integrations team with a focus on integrating third-party systems and exposing APIs for front-end consumption that would enable us to move away from legacy WinForm booking client and toward a fully featured WebApp.
- Lead the development of Sabre Flight GDS integration project with booking system to allow for live searching of flights, and PNR import from within Polar Global ecosystem.

### Analyst Developer

June 2020 – November 2020

Interfi Systems, Geelong

- C# / HTML / CSS / SQL / JavaScript / React
- Development and maintenance of the Capital Financial Platform and features.
- Communicating with clients about their requirements to effectively turn these into features of Capital using .NET / C# and Database technologies such as TSQL
- Level 3 client technical support, including remote server administration and database management.
- Contributed to converting our legacy Internet Banking platform into a responsive React web app.
- Lead in the development of converting our React web app into a progressive web app to be installed on mobile devices.

### Junior Web Developer

November 2019 – April 2020

GOOP Digital, Geelong

- HTML / CSS / PHP / WordPress
- Developed custom WordPress themes according to client requirements
- Continued to development of websites if client later requested extra features / changes
- Ensured websites are kept secure and up to date
- Developed a WordPress plugin for embedding Instagram Feeds to webpages which utilises the new Instagram BasicDisplay API after the deprecation of the legacy API, increasing productivity by 33%.

### Sales Assistant

October 2018 – July 2020

Home Timber & Hardware, Drysdale

- Restocking, handling money, general maintenance, and upkeep of the store
- Help customers to find suitable products according to their DIY and Home Maintenance requirements

- Developed and Implemented a scalable trade account management system to replace paper system managing over 100 accounts utilising a Raspberry Pi MariaDB Server and a custom-built Java application front end deployed on four Point of Sale systems and three admin machines throughout the store.

## Education & Qualifications

**Bachelor's Degree in Information Technology**  
Deakin University, Waurn Ponds, VIC

Expected Graduation: 2023 (Part Time)

- Majoring in Application Development
- Completing part time while also working full time in development

**Advanced Diploma of Information Technology**  
The Gordon Institute of TAFE, Geelong VIC

Graduated: 2019

- Completed with a focus on development and programming
- Broadly covered development topics such as intermediate object-oriented programming in Java and C#, user interface, dynamic web development for both desktop and mobile, multi-touch mobile applications, data warehousing
- Broadly covered networking topics such as cyber security, server administration in both Unix and Windows based servers, small to medium office networking and cloud computing
- Broadly covered other topics such as managing IT projects, quality assurance, copyright and ethics, privacy, sustainability in IT

## Personal projects

**CHOMSKY** (School Project)

- A cross platform peer to peer encrypted chat client which runs in the CLI.
- Collaborative effort for which I was responsible for writing networking code.
- Written in Java

**BillBuddy**

- Available on GitHub
- Written in Java and Android as a practice exercise
- Server software written in Java
- Mobile app interacts with server software and provides a way for notes and bills to be shared in sync across all members who point their app to the server. Was intended to track bills in a sharehouse environment.

**BAM-AccountManager**

- Available on GitHub
- Written in SQL and Java
- Was written to replace legacy paper account management system and Home Timber and Hardware. Frontend interacts with SQL server and allows for the display and modification of account information.

**Industry4.0 Project** (School Project)

- Coded an in-browser dashboard which would receive data from environmental sensors placed in different rooms throughout the school to monitor noise, light, temperature, and air quality.
- Written in Python.