

# FILIP TLATLIK

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## PROFESSIONAL SUMMARY

Highly skilled software development professional bringing enormous talents for software design, development and integration. Offering advanced knowledge of in-demand programming languages. Background writing code and developing systems for software applications.

## CASUAL WORK EXPERIENCE

### Mr.Brownie Restaurant - Restaurant Waiter

Melbourne • 10/2022 - 02/2023

- Collected payment for food and drinks served, balanced cash receipts and maintained accurate cash drawer.
- Arranged and prepared tables for customers to offer memorable experiences to guests and foster repeat business.
- Contributed to efficient restaurant operations by assisting in bussing tables during peak hours.
- Bussed and reset tables to keep dining room and work areas clean.

### NYCS Liquor Shop - Associate Business Analyst

Poland • 06/2020 - 01/2021

- Monitored and analyzed business performance to identify areas of improvement and make necessary adjustments.
- Launched quality assurance practices for each phase of development
- Cross-trained existing employees to maximize team agility and performance.
- Used industry expertise, customer service skills and analytical nature to resolve customer concerns and promote loyalty.
- Implemented innovative marketing campaigns that boosted brand awareness and generated significant sales leads.
- Developed detailed plans based on broad guidance and direction.

## KEY PROJECTS

### Final Year Research and Development Project , Project Title: Finally a dating App that works! , Swinburne University, 2023

Description: This project aims to develop a unique dating app leveraging the Schwartz Value Test, a comprehensive assessment tool.

#### Task performed:

- Set up development environment using Visual Studio.
- Designed and implemented user interface screens using React Native.

## EDUCATION

### Swinburne University of Technology

02/2024

**Bachelor Of Computer Science:** Software Design Major

- Career Development Certificate: Emerging Leader

### Swinburne University of Technology

10/2021

**Diploma** : Information Technology

## TECHNICAL SKILLS

### Programming Languages & Frameworks:

Python, C, C++, C#, Object Oriented Programming, Laravel

**Web Development & Servers:** HTML, CSS, JavaScript, TypeScript, PHP, React, React Native, Apache

**Databases:** MySQL, MongoDB

**Cloud Computing:** Cloud Computing Architecture (AWS)

## INTERNSHIP EXPERIENCE

### Software Developer (and Related Technology Support) Intern, Lakin

Consulting/UpgradelQ, Melbourne (Remote) , 2024

#### Duties and Responsibilities:

- **Developed and maintained software applications** under the guidance of the Head of Technology.
- **Provided technology support** to team members, ensuring smooth operation of systems and addressing technical issues.
- **Worked remotely** with a distributed team, demonstrating strong self-management and communication skills.
- **Participated in meetings** and collaborative sessions both virtually and

- Configured MongoDB and MySQL databases for user data storage.
- Conducted testing and debugging of app functionalities.
- Deployed the app to testing environments for user feedback.
- Optimized app performance for both iOS and Android platforms.
- Developed and implemented user analytics functionality to track individual user activities.

**Software Architectures and Design, Object Design Implementation , Swinburne University, 2023** Project Description: The Online Ordering System aimed to create a comprehensive platform for "All Your Healthy Foods" by leveraging Laravel, enhancing user experience and operational efficiency through detailed design, implementation, and reflection phases.

Tasks Performed:

- Conducted detailed design refinement and extended the initial high-level object oriented design.
- Implemented the system using Laravel, ensuring object-oriented implementation and seamless functionality.
- Reflected on the initial design, addressing omissions, errors, and ambiguities encountered during implementation.
- Demonstrated system capabilities through various scenarios, including UI interactions and input validations, ensuring correct system operation and user satisfaction.
- Documented the development and testing process, including deployment instructions and platform specifications for future reference.

**Introduction to Artificial Intelligence , Inference Engine for Propositional Logic , Swinburne University, 2023** Project Description: For this project I have developed and implement a software-based inference engine for propositional logic, utilizing Truth Table (TT) checking, Backward Chaining (BC), and Forward Chaining (FC) algorithms.

**Task performed:**

- Developed an inference engine software in Python, adhering to the specifications to handle Truth Table (TT), Forward Chaining (FC), and Backward Chaining (BC) algorithms for propositional logic.
- Engineered the software to accept a Horn-form Knowledge Base (KB) and a query symbol, facilitating the determination of query entailment from the KB using one of the specified algorithms (TT, FC, or BC).
- Ensured platform compatibility across various operating systems for seamless deployment and testing.
- Configured the software to support batch testing through a user-friendly command-line interface, allowing users to specify the method (TT, FC, or BC) and the filename of the text file containing the problem.

in-person at the Melbourne CBD office.

- **Adhered to company privacy policies and confidentiality agreements**, ensuring the protection of sensitive information.
- **Complied with company policies and procedures**, contributing to a disciplined and professional workplace environment.
- **Collaborated on business development activities**, occasionally working outside standard business hours to support project goals.

**Mechatronic Engineer Intern, KNS Silesian Window Factory, Poland , 2016-2017**

**Duties and Responsibilities:**

*Engaged in reprogramming and real-time maintenance of a window assembly line.*

· Collaborated with a team to address technical challenges promptly, minimising downtime.

· Assisted in generating performance reports and contributed to reprogramming procedures.

· Actively engaged in group efforts, contributing ideas and supporting fellow team members to achieve collective goals.

· Successfully navigated changing work environments and requirements, showcasing adaptability and flexibility in tasks.

## REFERENCES

Available upon request.