

Oskar Frantti Glen

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Professional Summary

Innovative Full Stack Developer with hands-on experience in software development, including a successful internship at Preezie. Demonstrated ability to quickly adapt to new technologies and contribute effectively to cross-functional teams. Seeking to leverage strong technical skills and passion for problem-solving to drive impactful solutions in a dynamic development environment.

Skills

- **Languages:** JavaScript, Typescript, Python, C++, C#, Rust
- **Frameworks:** ReactJS, NextJS, Tauri, React Native, ExpressJS, Flask, Django, ASP.Net,
- **Backend:** Node.js, .NET, REST APIs, Microservices
- **Databases:** Postgres, SQL, MongoDB, Elasticsearch
- **Development Practices:** Microservices, Microfrontend, Agile, Git

Education

Bachelor of Computer Science (July 2022 - Present)
Deakin University, Burwood, Victoria

Diploma of Information Technology (March 2021 - March 2022)
Deakin College, Burwood, Victoria

Experience

Software Development Intern (November 2022 - March 2023)
Preezie, Melbourne, Victoria

- Demonstrated proficiency in Angular 4, React, .NET, and microservices.
- Developed effective solutions to complex issues and debugged code efficiently.
- Adapted to fast-paced development environments and worked with both legacy and modern technologies.
- Collaborated with cross-functional teams, enhancing communication and teamwork skills.

IT Administrator (October 2020 - October 2021)
Ealwin Operations, Melbourne, Victoria

- Managed IT projects including planning, budgeting, and implementation.
- Install and troubleshoot hardware and software, administer networks, and ensure cybersecurity.
- Worked closely with stakeholders to Design and implement solutions across 3 business groups

Projects

Shifti: Workforce Management Software

(NextJS, Supabase, React Native, Expo)

- Architected a comprehensive workforce management solution using NextJS for web and React Native for mobile platforms
- Implemented complex scheduling algorithms and an award interpretation engine for labor regulation compliance
- Developed API integrations with HR and payroll systems, enabling seamless data flow and reducing manual entry

HomeGame: Home Poker Analytics Manager

(Supabase, React Native, Expo)

- Developed a feature-rich mobile application for managing and analyzing home poker games using React Native and Supabase
- Created an advanced analytics engine providing insights into gameplay, win rates, and improvement areas
- Implemented offline mode with data synchronization and integrated third-party APIs for odds calculation

Cafe Loyalty App

(React Native, Expo Node.js, GraphQL, MongoDB)

- Developed a full-stack loyalty app solution for independent cafes, featuring React Native mobile apps, Node.js backend with GraphQL API, and MongoDB database
- Integrated with various Point of Sale (POS) systems using a flexible adapter pattern
- Implemented real-time order tracking and notifications using Socket.io
- Designed a customizable loyalty program system with analytics dashboard for cafe owners

Quantum-Resistant Password Manager

(Rust, Post-Quantum Cryptography)

- Developed a high-performance, cryptographically secure password manager using Rust and post-quantum algorithms
- Designed a zero-knowledge architecture, enhancing user privacy and security
- Utilized efficient data structures (B-trees) for optimized password storage and retrieval
- Implemented advanced features including 2FA, secure password sharing, and encrypted backups