

NATHAN GATTO

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Emerging IT professional with a strong computer science foundation and practical experience developing web and mobile applications using Next.js, PostgreSQL, and Swift. Successfully completed academic projects that demonstrate ability to analyse user needs and deliver functional solutions. Proficient in full-stack development with experience collaborating in team environments through coursework and internships. Eager to leverage academic knowledge and hands-on project experience to contribute immediate value in a technology-driven organisation.

PROFESSIONAL EXPERIENCE

Full Stack Developer | Community Cafe Charity Website | 2024 - Ongoing

Tools: Next.js, Prisma, PostgreSQL, Stripe API, Vercel

- Designed and deployed a full-stack website to facilitate donations and volunteer management for a charity.
- Configured a database to store live donation tracking and implemented Stripe integration for seamless financial transactions.
- Managed client communications to ensure alignment with requirements and project goals.

Full Stack Developer | Brainwave Analysis Software | Current

Tools: Python

- Currently developing a full-stack software solution in Python to analyze neurophysiological recordings, focusing on neuron resonance frequency and brain wave properties.
- Collaborating with a multidisciplinary team to integrate backend and frontend components, ensuring a seamless and responsive user interface.

Full Stack Developer | CoPilot for Teachers | 2024

Tools: Next.js, Prisma, PostgreSQL

- Developed a generative AI-powered platform to automate and personalize assignment feedback, aligning with marking criteria to simulate real-time teacher guidance.
- Contributed to both front-end and back-end development, ensuring functionality and quality standards.

PERSONAL PROJECTS

MatchMate | iOS Application

Tools: SwiftUI, API Integration

- Developed an iOS app using SwiftUI to provide real-time, location-based football fixture updates, tailored to the user's local time zone.
- Integrated an external API to fetch match details, while optimizing performance by implementing a server as an intermediary to cache data and limit API usage.

GenAI Wallpaper | iOS Application

Tools: SwiftUI, API Integration

- iOS app generating custom AI-designed wallpapers based on user inputs.
- Integrated Google AdMob to provide users with credits, enabling access to a variety of unique wallpaper styles, enhancing user engagement.

TECHNICAL SKILLS

Languages: C++, C, C#, JavaScript, TypeScript, Swift, Python

Frontend: Next.js, React, HTML, CSS

Backend: Next.js, Node.js, ASP.NET, Prisma, PostgreSQL, MySQL

Databases: PostgreSQL, MySQL

Mobile Development: SwiftUI, iOS Development

Version Control: Github

Testing & QA: Manual testing, Test case development, Troubleshooting

EXTRACURRICULAR ACTIVITIES

Creators Club Member

- Participated in weekly sessions focusing on technical upskilling, project development, and networking with industry mentors.
- Contributed to collaborative projects enhancing practical knowledge and readiness for real-world challenges.

EDUCATION

Bachelor of Computer Science

Western Sydney University | 2022 - Present expected finish date July 2025

Diploma of Information Tecnology

TAFE NSW | 2017

High School Certificate

Clancy Catholic College | 2015

WORK EXPERIENCE

IT Warehouse Technician

TES-AMM | 2018 - 2019

Pick Packer

Fantastic Furniture | 2019 - 2022

Skilled Labourer

Fusion Group | 2022

REFERENCES

John Lupton

Community Cafe Ambassador

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