

MARK TAMANG

Full Stack Software Engineer | ASP.NET Core | React | Next.js | Cloud & DevOps

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PROFESSIONAL SUMMARY

Software Engineer with experience building full-stack web applications, REST APIs, workflow automation, and cloud-based solutions using ASP.NET Core, React, Next.js, SQL Server, and PostgreSQL. Hands-on experience with Make.com, webhooks, AI-assisted development, and modern cloud technologies to deliver scalable business solutions.

TECHNICAL SKILLS

Languages & Frontend: C#, Python, JavaScript, TypeScript, SQL, HTML, CSS, React.js, Next.js, React Native, Tailwind, Material UI
Backend, Databases & Cloud: .NET, ASP.NET Core, MVC, Entity Framework Core, Django REST, SQL Server, PostgreSQL, MySQL, Prisma, Convex, AWS, Azure, GCP, Cloudflare

Automation, AI & Integrations: Docker, GitHub Actions, CircleCI, Vercel, CI/CD Pipelines, Make.com, n8n, OpenAI API, AI Agents, Workflow Automation, REST APIs, Google Drive API, Webhooks, Prompt Engineering

Authentication & Payments: Clerk, NextAuth, JWT, Stripe

Developer Tools: Git, GitHub, Postman, Swagger, ChatGPT, GitHub Copilot, Claude, Codex, DeepSeek

PROFESSIONAL EXPERIENCE

Software Engineer & Founder — Pakhreen, Auckland | Dec 2025 – Present

- Design and deliver custom software solutions from concept to production.
- Build full-stack applications, REST APIs, workflow automation, and cloud-based systems.
- Develop API integrations and business automation using Make.com, webhooks, and cloud technologies.

Software Developer Intern — Source Infinity, Auckland | Sep 2024 – Apr 2025

- Developed and supported full-stack features using ASP.NET Core, React, and SQL Server for a cloud-based platform.
- Built and tested RESTful APIs, including Google Drive API integration for secure file management workflows.
- Implemented Docker-based deployments and CI/CD pipelines using GitHub Actions within an agile team environment.

Frontend Developer Intern — Brunton NZ, Auckland | Feb 2024 – Apr 2024

- Developed responsive React.js user interfaces integrated with RESTful APIs to improve workflow functionality.
- Built a task scheduling feature and resolved frontend/API issues to enhance application performance and reliability.
- Collaborated in code reviews and contributed to frontend development best practices within the development team.

IT Specialist — ECEC Innovation in Education, Nepal | Jan 2019 – Apr 2023

- Provided IT support for hardware, software, and network issues.
- Installed and configured Windows systems, applications, and office devices.
- Performed troubleshooting, system maintenance, and technical support.
- Assisted with digital content creation and multimedia production.

Kitchen Steward — SkyCity, Auckland | May 2023 – Present

- Developed strong teamwork, communication, and time management skills in a fast-paced hospitality environment while completing postgraduate studies.

KEY PROJECTS

Pakhreen Business Website — Next.js, TypeScript, PostgreSQL, Prisma, Stripe, Clerk, Cloudflare R2, GCP, Tailwind

- Built and deployed a production-ready full-stack business platform.
- Developed separate admin and client portals with role-based authentication.
- Implemented blog CMS, user management, invoicing, payments, and workflow automation.

Rossgrove Church Website — *Next.js, TypeScript, PostgreSQL, Prisma, Material UI, Shadcn, Tailwind*

- Developed and deployed a responsive full-stack website with secure authentication and admin functionality.
- Integrated PostgreSQL with Prisma ORM and implemented database-driven functionality.
- Collaborated with stakeholders to deliver a modern, responsive, and user-friendly website.

Infinite Cloud Service Application — *ASP.NET Core, React, SQL Server, Docker, GitHub Actions, Google Drive API*

- Contributed to a cloud-based platform supporting secure authentication, file management, and automated deployment workflows.
- Implemented backend API functionality and cloud integration features within an agile development environment.

Handi Hub — *ASP.NET Core Web API, React, Material UI, SQL Server*

- Developed a full-stack e-commerce application with RESTful APIs, authentication, database models, and React frontend.
- Implemented backend business logic, API endpoints, and SQL Server data persistence.
- Documented and tested APIs using Swagger and Postman.

EDUCATION

Master of Information Technology (Software Development) — *Auckland Institute of Studies, 2025*

Graduate Diploma in Information Technology — *Auckland Institute of Studies, 2024*

Bachelor of Arts — *Campion College, Nepal, 2020*