| Chan Meng  Full-Stack Developer specializing in Web & Mobile Applications | [Portfolio:// **chanmeng.live**](https://chanmeng.live/)  [LinkedIn:// **chanmeng666**](https://www.linkedin.com/in/chanmeng666)  [GitHub:// **ChanMeng666**](https://github.com/ChanMeng666)  **(+64) 028 8523 5858**  [**chanmeng.career@gmail.com**](mailto:chanmeng.career@gmail.com) |
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| EXPERIENCEByteDance Youth Camp — *Backend Engineer*Nov 2024 - PRESENT | Remote/China | Apprenticeship  * Selected among **8900+** participants to develop microservices and distributed systems under ByteDance engineers' mentorship.  FreePeriod — *Chief Technology Officer*Nov 2024 - PRESENT | Remote/China | Freelance  * Built bilingual platform serving **3,000+** monthly users with IoT-enabled tracking of **50+** sanitary pad stations. * Developed analytics dashboard with automated tracking, reducing inventory management time by **30%**.  CORDE — *Mobile Application Full Stack Developer*Jun 2024 - Nov 2024 | Hybrid/Christchurch | Internship  * Developed Android app processing **119,000+** annual maintenance logs for **100+** field workers. * Implemented offline data sync system reducing manual entry by **80%**, while contributing **66%** of project codebase.  PROJECTSAgriHire Solutions | [Link](https://agrihireaq.pythonanywhere.com/)  * Developed full-stack equipment rental management system serving 4 user roles across 10+ stores. * Implemented real-time inventory tracking for 100+ equipment items and streamlined booking process. * Increased operational efficiency by 30% through integrated analytics and automated notifications.  Library Management System | [Link](https://github.com/ChanMeng666/library-management-system)  * Built a full-stack library platform with Next.js 15, achieving 99.9% uptime and 75% faster checkout process. * Designed responsive UI with real-time updates using shadcn/ui.  FriendScope | [Link](https://friendscope.vercel.app/)  * Engineered a scientific friendship assessment tool that evaluates relationships across 10 psychological dimensions and generates personalized insights. * Built interactive data visualization system featuring real-time analytics and comparative historical tracking. * Implemented privacy-first architecture with local storage and anonymous assessment, achieving 100% data security.  FreePeriod Website | [Link](https://free-period-website.vercel.app/)  * Developed a sustainable menstrual care platform using TypeScript, integrating 4+ core modules including real-time impact tracking, location services, user authentication, and educational resources. * Implemented responsive UI with Tailwind CSS, achieving seamless functionality across all devices and supporting 2 languages (EN/CN).  Interactive Story Generator | [Link](https://huggingface.co/spaces/ChanMeng666/interactive-story-generator)  * Developed an AI-powered storytelling platform using Python, Gradio and Hugging Face Transformers, featuring 5+ story themes and customizable AI parameters. * Implemented comprehensive story management system enabling users to create, save and continue personalized narratives through natural dialogue. | SKILLS  * PROGRAMMING LANGUAGES * TypeScript • JavaScript • Python • HTML • CSS • SQL * FRONTEND * React • Next.js • Angular • Tailwind CSS • Redux • Framer Motion • Three.js * BACKEND * Node.js • Express • Flask • FastAPI • RESTful APIs • WebSocket * Authentication • Real-time Data Processing * DATABASES * PostgreSQL • MongoDB • MySQL • Database Design • Query Optimization * ADDITIONAL EXPERTISE * System Architecture • API Design • Performance Optimization • Technical Documentation • Test-Driven Development • Agile Methodologies  EDUCATIONMaster of Applied Computing — Lincoln UniversityNov 2023 - Dec 2024 | New Zealand | with DistinctionBachelor of Geography Science — Jiangsu Normal UniversitySep 2012 - Jun 2016 | China | with DistinctionACHIEVEMENTS & COMMUNITIES  * **Excellence Award Winner** — FemTech China Women’s Health Technology Challenge in December 2024 * **Mentor** — Forward with Her Program, supported by UN Women * **Founder** — TechRosie GitHub Organization, promoting diversity in tech  CERTIFICATIONS SOFTWARE DEVELOPMENT   * Software Engineer - HackerRank * Frontend Developer (React) - HackerRank * Node.js (Intermediate) - HackerRank * Angular (Intermediate) - HackerRank   DATABASE & API   * SQL (Advanced) - HackerRank * Rest API (Intermediate) - HackerRank   ADDITIONAL SKILLS   * System Administration - Microsoft * Project Management - Microsoft * Cybersecurity - Microsoft |