



JERRIC CHAN

Driven to create innovative solutions with social impact,
I combine technical skills with an entrepreneurial
mindset to build impactful products.

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- 🌐 Let's Connect | Jerric Chan

WORK EXPERIENCE

Creative Founder

birthin co | Jul 2023 - Present

- Provided a wide range of creative and technical services at Birthin Co, including UI/UX design, website development, and other digital solutions aligned with client branding.
- Worked directly with clients to understand their needs, translate them into effective digital strategies, and ensure their satisfaction throughout the project.

Business Analyst Intern

Living Legacy | May 2024 - Aug 2024

- Contributed to all aspects of a digital avatar platform for seniors, from Web development and AI/ML research to UI/UX design and investor engagement.
- Played a key role in product development, user acquisition, and strategic partnerships.

ICT Consultant

DP Architects | Aug 2022 - Dec 2022

- Generated typology reports using SSRS, supporting data-driven decision-making, and contributed to the initial design phase of an enterprise mobile application.

ICT Intern

DP Architects | Apr 2022 - Jun 2022

- Automated data migration processes using VBA and Python, contributing to the successful implementation of new ERP and CRM systems.
- Enhanced ERP system usability and adoption by collaborating with cross-functional teams to design and implement custom dashboards tailored to specific departmental needs.

ACHIEVEMENTS

DSTA BrainHack 2023 XRperience | Jun 2023

- Finished 1st runner-up for XRperience.
- Developed an innovative mobile AR application using Unity, GPT3.5, Whisper API, and ElevenLabs API to enhance youth engagement with Singapore's Heritage Sites.

ACADEMIC PROJECTS

Dynamic Routing System for Emergency Response
(Rohingya Refugee Camps) | Aug 2024 - Nov 2024

<https://github.com/Jerric1801/cox-analysis>

- Developed a dynamic routing system using Python and NetworkX to optimize emergency response in Rohingya refugee camps.
- Employed probabilistic scenario modeling, network optimization, and real-time algorithms to improve response times and resource allocation during crises.

HotWings Air | Mar 2024 - Apr 2024

<https://github.com/Jerric1801/hotwings-air>

- Developed a full-stack flight booking application using a microservices architecture
- Employed multiple backend frameworks - Flask, Node.js and Spring Boot to create independent services.
- Utilized React.js for the frontend and MongoDB as the database.

Mapping Buddy | Aug 2023 - Nov 2023

<https://github.com/Jerric1801/MappingBuddy>

- Designed and developed a web application, simplifying course sequence planning for SMU students by utilizing vanilla JavaScript and jQuery.
- Achieved 1st in course competition for inspiring innovation in transforming SMU's academic planning system.

EXTRA CURRICULAR

Ad-Hoc Content Creator

Thye Hua Kuan Moral Charities | Mar 2023 - Present

- Create various children-focused content to support Thye Hua Kuan's charitable initiatives and outreach efforts, particularly those related to children's services.
- Utilize content creation and design skills to enhance the organization's communication and engagement.

NUS-RightShip Hackathon | Jan 2024

- Participation

Honorary Finance Secretary

SMU Softball | Jan 2023 - Dec 2023

- Managed monthly financial audits for SMU Softball, ensuring accurate tracking of funds.
- Developed processes to streamline and manage budgets running into tens of thousands.
- Processed member expense claims, facilitating timely reimbursements and maintaining financial transparency.

Teaching Assistant for Computing Fundamentals

SMU | Aug 2023 - Nov 2023

- Provided administrative and instructional support to professor, including managing course materials, and facilitating in-class discussions.
- Offered guidance to 45 students on classwork and assignments to enhance their learning.

PSA Code Sprint Hackathon | Sept 2023

- Participation

NTU-CSA SpiritCyber Hackathon | Dec 2022

- Participation

Captain

Eunoia Softball | Jan 2018 - Dec 2019

- Managed and conducted training sessions.
- Led team to finish 3rd runner-ups in 'A' Division Nationals.

SOFT SKILLS

Communication | Leadership | Collaboration | Interpersonal Skills | Conflict Resolution | Adaptability | Problem-Solving

TECHNICAL SKILLS

- **Web Development:** HTML, CSS, JavaScript (React, Vue), PHP (Laravel), Shopify, Wordpress
 - **Languages:** Python, Java, C#, VBA, JavaScript, PHP
 - **Databases:** SQL (MySQL, PostgreSQL), MongoDB
 - **GIS:** QGIS
 - **Design:** Figma, Adobe Premiere Pro, Adobe Photoshop
 - **Cloud:** AWS (EC2, S3, RDS)
 - **Containerization:** Docker
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EDUCATION

Singapore Management University

Bachelor of Science (Information Systems), Major in Smart-City Management & Technology | 2022 - Present

Eunoia Junior College

GCE A-Level | 2018 - 2019