Henry Arthur Zhongsan Liu

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EDUCATION

Bina Nusantara University

Sep 2021 — June 2025

Bachelor of Computer Science, Interactive Multimedia; GPA 3.6714.00

Indonesia

Hanyang University

Mar 2024 — July 2024

Bachelor of Computer Science, Department of Data Science, Exchange Student;

South Korea

TECHNICAL SKILLS

Languages: HTML/CSS, JavaScript, TailwindCSS, Git, C/C++, C#, Java, Python, SQL

Frameworks: React

Developer Tools: VSC, REST APIs, GitLab, GitHub, Figma, AWS, Android Studio, Arduino, Unreal Engine, Axure

EXPERIENCE

Front End Engineer

Sep 2024 — Present

Happy5

Indonesia

- Developed a full stack web application in a Linux-based environment via WSL, using HTML, CSS, JavaScript, TypeScript, React.js, Node.js, and Git for efficient development and deployment workflows.
- Delivered new 20+ enhancements, 30+ bug fixes, and optimized reusable components to improve maintainability and performance.
- Developed a secure, interactive web application with a modern front-end framework and an intuitive user interface
- Contributed the development of 2 major projects, which helped the company secure expansion into the U.S. market, land 5 B2B US clients, contribute to a successful third-round VC investment, and multiple over IDR 500 million contract extensions with top Indonesian banks including BCA, BNI, BSI, and Panin Bank, and other well known applications like Tiket.com, Mitsubishi, and Moladin.

Freelance Web Developer

Jan 2022 — Present

Hong Kong

Committee on the Promotion of Civic Education

- Designed and developed a responsive public calendar website using HTML, CSS, and JavaScript, tailored to the needs of a Hong Kong government-affiliated organization.
- Achieved 2.1K+ searches and monthly organic visitors and a \$33 traffic value by ranking for high-volume keywords (e.g., "2025年"), demonstrating effective SEO integration.

Game Developer

Jan 2024 — Jan 2025

Starpixel

Singapore

- Developed foundational expertise in **Unreal Engine 5**, with a focus on mastering its tools and architectural framework.
- Utilized scripting to enable game logic and player interaction, allowing for dynamic game play
- Implemented an audio engine that dynamically synchronized sound effects and music to the game's action Developed a game engine that allowed for **cross-platform compatibility**
- · Developed an AI system that allowed for dynamic and realistic enemy behavior in-game

PROJECTS

Portofolio Website | React, HTML/CSS, JavaScript, 3JS/R3F, Git

- Developed an interactive 3D portfolio using HTML, CSS, JavaScript, React, Three.js, and React Three Fiber, showcasing advanced web development skills and creating an engaging user experience.
- Utilized **Git for version control** and deployed the website on **Vercel**, demonstrating proficiency in modern development workflows and continuous deployment practices.

LEADERSHIP AND COMMUNITY INVOLVEMENTS

Keluarga Mahasiswa Buddhis Dhammavaddhana

Jan 2022 — Jan 2024

Indonesia

Coordinator, Advisor, Board Member

- Led and coordinated Division 3, overseeing Secretariat, Entrepreneurship, and Internal Relations—fostering collaboration across departments and improving member engagement through structured internal programs.
- Served as advisor and event leader for key organizational initiatives, including Buddhist Camp 2023, Magha Puja 2566 B.E., and multiple leadership training events, mentoring over 50+ student volunteers, across 10 events.
- Spearheaded fundraising and promotional strategies as Funding Coordinator for Asadha Puja 2022 and DV Care 2023, achieving targeted donations through effective outreach and marketing campaigns; raised IDR 20M+ through fundraising campaigns.