

LIM JIAN HONG

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[GitHub](#)

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EDUCATION

National University of Singapore

Aug 2022 - Present

Bachelor of Computing in Computer Science

- CGPA: 4.44 / 5.00
- ASEAN Undergraduate Scholarship
- NUS Overseas College (NOC Indonesia)
- Relevant course work: Computer Networks, Database Implementations, Data Structures & Algorithms, Software Engineering, Independent Software Development Project, Introduction to AI and Machine Learning, Natural Language Processing, Wireless Networking

TECHNICAL SKILLS

- Programming Languages: JavaScript, Typescript, Java, Python, C, Dart, HTML & CSS, PostgreSQL
- Frameworks & Libraries: React, Next.js, Flutter, Bootstrap, Tailwind CSS, Jest, NumPy
- Technical Tools: Supabase, Firebase, Vercel, Git, Android Studio, Jupyter Notebook, Amplitude, Docker, Mailchimp

WORK EXPERIENCE

Baskit (Indonesia), Software Engineering Intern

May 2024 - Aug 2024

- Spearheaded migration of a 100,000+ line codebase from JavaScript to TypeScript with Next.js, improving code maintainability, scalability and reducing type-related bugs.
- Led implementation of frontend analytics tools via Amplitude in web frontend, providing insights and drove a 25% improvement in user retention and enhancing decision-making processes.
- Designed and implemented 5+ time-efficient API endpoints for both frontend and mobile consumption, optimizing data transfer and improving overall application performance.
- Curated and shared weekly articles about venture capital trends and tech startups, fostering knowledge sharing and startup mindset within company.

Vibefam (Singapore), Freelance Software Engineer

Sep 2023 - Jun 2024

- Rectified intricate bugs within business logic, ensuring smoother operations for over 30 studios and friendlier user experience.
- Cooperated in timely implementation of an exploitation patch, enhancing system reliability for over 30 partner studios throughout Singapore.

PROJECTS

UniPlace, Full Stack Developer

Nov 2024 - Present

- Architected and developed UniPlace, a full-stack marketplace platform connecting university students with freelance opportunities, leveraging Next.js, TypeScript, Tailwind CSS, and Supabase.
- Engineered real-time chat and notification system handling over 200 daily messages using database subscriptions.
- Architected payment and task management system with escrow functionality, supporting 3-stage submission workflow and automated payment releases.
- Optimized platform performance by implementing server actions and server-side rendering, reducing page load times by 60% and initial bundle size.

FinForce, Orbital Artemis, Frontend Developer

May 2023 - Aug 2023

- Developed a unified platform for students and professionals, integrating stock tracking, open banking API, and comprehensive financial tools; includes 8 different features, boosting user financial management and insights.
- Conducted rigorous testing using Jest, identifying and resolving over 30 bugs; further validated software quality through hands-on user simulations with a group of 5 beta testers.
- Achieved Artemis (highest) level certification through effective team leadership and technical execution.

COMPETITIONS

NUS SDS Datathon 2024, First Place, Data Analyst

Jan 2024 - Jan 2024

- Led a team of 4 to create two machine learning models, coordinating data analysis and model development efforts to win first place.
- Analysed 50,000+ customer records and identify 8 key factors influencing repurchase rates, leading to targeted marketing recommendations to increase conversion.

i-UM Disrupt Hackathon, Second Runner-Up, Frontend Developer

May 2022 - May 2022

- Showcased a smart parking concept, leveraging Wi-Fi trilateration to ensure optimal space assignment and facilitate seamless navigation within carparks, especially during high-demand peak hours; short-listed among top 10% of entries.