

VINCENT CHEN

Full-stack Web Developer

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Github: <https://github.com/Vincent0-8> | **Website:** <https://vinchen-portfolio.vercel.app>

SUMMARY

Solution-driven full-stack developer specializing in frontend development with the MERN stack and TypeScript. Builds web applications end-to-end, from database schema to deployment, with attention to clean and maintainable code. A lifelong learner continuously refining best practices through independent, production style projects.

PERSONAL PROJECTS

PERSONAL WEBSITE

Live Preview: <https://vinchen-portfolio.vercel.app>

Frontend Engineering | Performance Optimization

- Fully responsive personal website portfolio using Next.js (App Router), TypeScript, and Tailwind CSS.
- Optimized visual asset delivery using Next.js Image component with WebP conversion and LCP priority preloading.
- Structured modular components with custom TypeScript interfaces implementation for long-term maintainability.
- Explore my full portfolio across mobile and desktop to see my best work!

CATALYST MARKETPLACE

Github Repo: <https://github.com/Vincent0-8/Catalyst-client>

Full-Stack Development | Authentication & API Security

- Built full-stack fashion e-commerce marketplace with React, Redux Toolkit, TypeScript, Node.js, Express, and MongoDB
- Implemented per-user localStorage-based cart and wishlist persistence, avoiding cross-account data leakage
- Enforced server-side price and stock validation during checkout to prevent client-side tampering
- Designed debounced product search to reduce redundant API calls and improve responsiveness
- Hardened API security with JWT authentication, rate limiting, CORS configuration, and input sanitization

CENT GRAPHIC

Github Repo: <https://github.com/Vincent0-8/cent-graphics-client>

Full-Stack Development | Authentication & API Security

- Built a fullstack color palette app with React, Vite, Node.js, Express, and MongoDB Atlas, featuring 6 curated color editions and 18 palettes
- Implemented JWT authentication with bcrypt password hashing, allowing users to save palettes to a personal collection
- Designed RESTful API with 6 endpoints covering auth, palette retrieval, and collection management

TECHNICAL SKILLS

- CORE LANGUAGES:** TypeScript, JavaScript, HTML5, CSS3
- FRONTEND DEVELOPMENT:** React, Next.js, Vue.js, Nuxt.js, Redux Toolkit, Tailwind CSS
- BACKEND & DATABASE:** Node.js, Express, MongoDB, REST API
- TOOLS & DEPLOYMENT:** Git, GitHub, VS Code, npm / pnpm, Vite, Vercel, Railway
- DESIGN TOOLS:** Figma, Adobe Illustrator, Adobe Photoshop
- SPOKEN LANGUAGES:** Indonesia (Native), English (Professional Working Proficiency)

EDUCATION

BATAM INTERNATIONAL UNIVERSITY

Batam, Indonesia

Bachelor of Computer Science

2024 - Present

Relevant Coursework: Object-Oriented Programming (OOP), UI/UX Design, Web & Mobile Development, Data Structures & Algorithms.

MAITREYAWIRA VOCATIONAL HIGH SCHOOL

Batam, Indonesia

Vocational High School Diploma in Multimedia

2021 - 2024

Relevant Coursework: UI/UX Design Concepts, Digital Asset Creation, Graphic Design, Web Layout Fundamentals.

CERTIFICATES

- Artificial Intelligence - Certiport, 2026
- Agile Scrum Fundamental - Mindmagine, 2025
- EF SET 58/100 (B2 Upper Intermediate), 2024