

SUMMARY

Results-driven Software Engineer with 3+ years of experience developing scalable web applications and open-source tools. Proven ability to deliver production-ready solutions with high usability and cost efficiency, optimize performance (96+ Lighthouse scores, good SEO ranking for branded queries), and automate CI/CD pipelines to reduce deployment time and enhance reliability.

TECHNICAL SKILLS

- **Languages:** JavaScript (TypeScript), HTML, CSS, C++, Python, SQL.
- **Technologies:** ReactJS (NextJS), VueJS (NuxtJS), NodeJS (ExpressJS), TailwindCSS, Supabase, Firebase, MongoDB, Git/GitHub, Docker, Terraform, Ansible.
- **Tools:** Jira, Figma, Adobe Illustrator.
- **Soft Skills:** Working independently, Teamwork, Communication, Time Management.
- **Others:**
 - Proficient in competitive programming with strong problem-solving skills.
 - Solid foundations in Object-Oriented Programming (OOP), Data Structures, and Algorithms.
 - Experienced in setting up CI/CD pipelines and automation using GitHub Actions, Docker, Terraform, and Ansible.
 - Skilled in building and integrating RESTful APIs, designing logos, and developing desktop applications and 2D games.

PROJECTS

- **wanhub** May 2025 – Present
hcmus-intro2se-wanhub.vercel.app
 - **Description:** A modern, easy-to-use learning platform for everyone.
 - **Technologies:** VueJS (NuxtJS), NodeJS (ExpressJS), Tailwind CSS, TypeScript, Prisma, Supabase, Docker, Terraform, Ansible, Nx.
 - **Key Contributions:**
 - * Automated CI/CD workflows by designing GitHub Actions pipelines and integrating Vercel CLI, Docker, Terraform, and Ansible, improving deployment speed and reliability.
 - * Led technology selection and development environment setup; enforced code quality and maintainability through peer reviews, best practices, unit testing (Vitest), end-to-end testing (Playwright), and refactoring.
 - * Developed secure authentication and authorization flows and built interactive learning modules (flashcards, dictation, cloze, multiple-choice quizzes) with responsive UI.
 - * Architected the system design and implemented scalable RESTful API endpoints to support application features.
 - * Created intuitive UI component libraries and branding assets, enhancing design consistency and user experience.
 - * Configured Jira with custom automations to streamline project tracking and reduce manual effort.
- **yublog-nuxt** Apr 2025 – Present
yublog-nuxt.vercel.app yuran1811/yublog-nuxt
 - **Description:** A personal blog platform built to share technical tips and insights, showcasing modern web development practices.
 - **Technologies:** VueJS (NuxtJS), Tailwind CSS, TypeScript.
 - **Key Contributions:**
 - * Developed a responsive, SEO-friendly blog platform with NuxtJS and Tailwind CSS.
 - * Used Nuxt Content (git-based CMS) for easy publishing and customization.
 - * Optimized performance and accessibility, achieving fast load times across devices.
- **yukey** Feb 2024 – Present
yukey/releases yuran1811/yukey
 - **Description:** An open-source keystroke visualizer for sharing keyboard and mouse actions during presentations, recordings, or collaborative sessions.

- **Technologies:** Tauri, ReactJS, Tailwind CSS, TypeScript.
- **Key Contributions:**
 - * Developed a lightweight desktop application with Tauri, enabling cross-platform support and low resource usage.
 - * Built an interactive UI in ReactJS with customizable themes for improved presentation visibility.
 - * Published open-source releases on GitHub, making the tool accessible for developers, streamers, and educators.
- **yublog-next** Aug 2022 – Present
yuran1811-blog.vercel.app yuran1811/yublog-next
 - **Description:** A personal technical blog for documenting programming experience and sharing coding tips, built to explore modern full-stack development.
 - **Technologies:** ReactJS (NextJS), Tailwind CSS, TypeScript, Sanity Studio.
 - **Key Contributions:**
 - * Developed a responsive and SEO-optimized blog using NextJS and Tailwind CSS, ensuring fast load times and accessibility.
 - * Integrated Sanity Studio as a headless CMS to enable efficient content creation and management.
- **yupartify** Apr 2025 – Apr 2025
hcmus-os-fat32/releases yuran1811/hcmus-os-fat32
 - **Description:** A cross-platform disk reader application supporting NTFS and FAT32 file systems, available with both GUI and CLI interfaces.
 - **Technologies:** Tauri (Rust), VueJS (NuxtJS), TypeScript, Tailwind CSS.
 - **Key Contributions:**
 - * Developed dual-interface support (GUI and CLI) to accommodate both technical and non-technical users.
 - * Implemented folder tree visualization and file preview for supported formats (e.g., TXT, JSON).
 - * Built a lightweight, fast, and cross-platform desktop application using Tauri with Rust and NuxtJS.
- **scorie** Jun 2022 – Aug 2023
scorie.vercel.app yuran1811/scorie
 - **Description:** A Progressive Web App (PWA) designed to make school life easier by combining productivity tools, analytics, and personalization in a single platform.
 - **Technologies:** ReactJS, Tailwind CSS, TypeScript, Firebase.
 - **Key Contributions:**
 - * Developed a responsive PWA with offline support and homescreen installation for seamless cross-device usage.
 - * Implemented multi-language support (English, Vietnamese, extensible to more locales).
 - * Built authentication with Google, Facebook, Email/Password, and guest accounts to support diverse user needs.
 - * Created productivity and learning tools including timers, weather, motivational quotes, notes (with drag-and-drop, CRUD, and sharing), and score tracking.
 - * Integrated analytics features with interactive charts (bar, polar, radar) using ApexCharts for real-time insights.
 - * Designed a modern glassmorphism UI with smooth animations powered by Framer Motion.
 - * Added advanced features such as score prediction to enhance decision-making for students.

EDUCATION

- **VNUHCM - University of Science** 227 Nguyen Van Cu St., Cho Quan Ward, HCMC, Viet Nam
Bachelor's degree, Information Technology *2023 – Present*
- **Hung Vuong Highschool for the Gifted** Thu Dau Mot Ward, HCMC, Viet Nam
Specilized in IT *2020 – 2023*

CONTACT

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