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Summary

As a self-taught web developer with over 3 years of experience in designing and developing fully functional websites, I am passionate about learning new technologies, making things by myself, and working in multiple fields.

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:** Visual Studio Code, Figma, Adobe Illustrator.
- **Soft Skills:** Working independently, Problem-solving, 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, 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](hcmus-os-fat32/releases)   *[yuran1811/hcmus-os–fat32](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

- **Github:** github.com/yuran1811
- **Linkedin:** linkedin/yuran1811
- **Facebook:** facebook.com/YuranLegends