

Rindy Tuy

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Skills

- JavaScript | TypeScript | Python | React | Next.js | TailwindCSS | Node | Express | Firebase | PostgreSQL | Redux | HTML5 | CSS | Git
- Google Cloud Platform(GCP) | CI/CD | OpenAI | Google Gemini AI | Payment Integration | RESTfulAPI | VPS | Vercel
- Management | Frontend | Backend | Full-Stack

Experience

FullStack Developer | Co-founder

[Sorsay.com](#)

8/2023 - Present

- Advanced Full-Stack Development of a Intuitive Khmer language typing solution using Next.js, TypeScript, and TailwindCSS. Ensured a top-tier performance and user experience with a focus on fast, clean, interactive, and responsive front-end design.
- Efficiently managed state with Redux and ensured secure authentication and data storage using Firebase, optimizing both data handling and cost. Leveraged Git for seamless collaborative coding, maintaining a conflict-free and error-free development environment.
- Engineered an algorithm for transliterating Roman to Khmer words, achieving 2x speed increase over base algorithms while maintaining 90% accuracy.
- Implemented Agile methodologies to deliver bi-weekly feature updates, enhancing development speed. Leading both front-end and back-end aspects, and driving significant improvements in functionality and aesthetics.
- Optimized website hosting by transitioning to a Virtual Private Server (VPS), reducing hosting costs by 60% while maintaining optimal website performance, demonstrating both technical and financial acumen.
- Committed to continuous development and deployment, ensuring a consistently positive user experience without any disruptions.

Project Coordinator | Charity Team Leader

[ChongCham](#)

2/2022 - 5/2022

- Secured funding from six major corporations and numerous individual donors, providing support for 280 students and teachers, showcasing advanced skills in networking, social media strategy, and effective communication.
- Led and coordinated a team of 18 within a larger group of 84, successfully driving project alignment and team collaboration through strategic task delegation and team communication.
- Managed and optimized resource allocation and budget, employing tools like Google Workspace and Microsoft Office to ensure meticulous tracking and efficient project progression.
- Demonstrated exceptional adaptability and multitasking capabilities by effectively balancing roles from team leadership to proactive fundraising, enhancing project versatility and operational efficiency.

Education

Lone Star College | AS Computer Science

Houston, Texas , USA 08/2022 -12/2023

- Graduated with 3.95 GPA

Project

- Typing Game: Developed a responsive typing game using NextJS, Firebase, Redux, and Tailwind CSS, featuring real-time performance tracking and interactive gameplay. **(10/2023)**
- AI Chat With Voice-To-Speech: Created an interactive chat application using NextJS and OpenAI models, featuring real-time voice-to-speech conversion and AI-driven conversation capabilities. **(9/2023)**
- Revising AI: An advanced English AI Writing tool **(12/2022 - 4/2023)**
 - Developed a dynamic front-end using React/NextJS, paired with a robust back-end. Leveraged TailwindCSS for responsive and aesthetically pleasing design, while respectively deploying on Vercel.
 - Employed Redux for efficient state management and Firebase for secure authentication and database operations.
 - Incorporates multilingual Google Translation API from GCP, OpenAI GPT models, and PayPal payment integration.
- E-Commerce: Designed a visually stunning and user-friendly e-commerce platform using ReactJS and Tailwind CSS. **(10/2022)**
- AI Agent Swarm: Python-based system for multi AI-agent communication, utilizing Microsoft's Autogen and Lang Chain. **(12/2023)**

Other

- **Mentee, Dell Technologies:** Grew both personally and professionally through the guidance of a mentor, Honed essential skills in communication, networking, interviewing, and goal setting.
- **Member, The National Society of Leadership and Success:** Gained invaluable skills in leadership, teamwork, motivation, goal setting, and achievement through membership in this esteemed organization