Ory Chanraksa

Software Engineer

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SUMMARY

Computer Science sophomore and self-taught full-stack developer with experience building 10+ functional applications using various technologies. Delivers well-structured applications with clean code, thoughtful design, and proven functionality through testing and continuous improvement.

EXPERIENCE

Tutor   **June 2024 - October 2024**

- Taught high school students/peers to prepare for high school diploma national exam.
- Proficient in scientific subjects such as mathematics, physics, biology and chemistry.
- Helped students pass with strong scores and supported them in planning future academic paths.

EDUCATION

Cambodia Academy of Digital Technology   **Feb 2024 - Present**

Computer Science, Specializing in Software Engineering

- Courses on programming, data structures, computer networking, and software engineering.
- Collaborated with peers to build real-world applications using core and modern technologies.

PROJECTS

- **Learning Management System:** A full-featured Java-based LMS desktop app with administrative controls, course assignments, and student-teacher workflows. Built using JavaFX and MySQL with different editions using JSON and a command-line interface.
- **V-Menu**: Full-stack digital restaurant menu and ordering system with real-time updates, role-based access (customer, kitchen, admin), and dynamic menu management. Built with React, Express, and MongoDB.
- **KeebsForKeebs:** Built a frontend web application to showcase custom mechanical keyboards and allow users to simulate keypresses with visual/audio feedback. Built using React and TailwindCSS.
- **Personal Portfolio Website:** Interactive personal site to showcase projects and skills. Built using Vue.js and Three.js, featuring animated 3D models and responsive design.
- **Bus Management System**: Command-line booking system supporting reservations, refunds, history tracking, and administrative controls. Built using C++ and JSON, with structured menus for efficient user flow.
- **NoteDown**: Minimal CRUD-based note-taking app supporting user login, note creation/editing, and data persistence. Built using Spring Boot and MySQL.

SKILLS

- **Core Programming Languages:** Java, JavaScript, TypeScript, C++, C.
- **Frontend Development:** HTML, CSS, TailwindCSS, Bootstrap, React.js, Vue.js, Three.js, JavaFX.
- **Backend Development:** Node.Js, Express.Js, Spring Boot.
- **Database:** MySQL, PostgreSQL, MongoDB.
- **Tools:** VS Code, Intellij IDEA, Git, GitHub, Netlify, Postman, Linux, Figma,
- **Spoken Languages:** English (Fluent), Khmer (Native).
- **Other:** Team collaboration, independent learning, fast learning.