TOCH SOTHAK

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Portfolio : https://tochsothak.github.io/portfolio

GitHub : https://github.com/Tochsothak

SUMMARY

A highly motivated and adaptable full-stack developer specializing in Flutter and Laravel, with a strong foundation in mobile and web application development. Currently in the final term at IT Academy STEP Cambodia, I am seeking an entry-level position in mobile app development to apply my skills in building robust, user-centric applications. Proficient in a wide range of programming languages and frameworks, with a proven ability to learn new technologies and deliver impactful projects.

SKILLS

- Programming Languages: Dart, JavaScript, PHP, Java, C#, SQL, HTML, CSS
- Frameworks & Libraries: Flutter, Laravel, React.js, Express.js, Node.js, Spring Boot, ASP.NET, Bootstrap, TailwindCSS
- Databases: MySQL, MongoDB, Hive(Offline database)
- Development Tools: Git, VS Code, Android Studio, Unity
- Concepts: Full-Stack Development, Mobile App Development, Object-Oriented Programming (OOP), Data Structures and Algorithms, RESTful APIs

PROJECTS

- **SmartExpense (Graduation Project)**
  - A full-stack personal finance tracker built with Flutter (frontend) and a Laravel API (backend).
  - Includes a multi-account balance system with multi-currency support and real-time exchange rates powered by the ExchangeRate API.
  - Features include secure login with OTP email verification, role-based accounts, expense categorization and reporting, and offline caching with Hive.
  - Allows users to securely track, categorize, and analyze financial patterns with dynamic charts.

- **My Store App**
  - A full-stack e-commerce app inspired by Amazon, built with Flutter (frontend) and Express.js + MongoDB (backend).
  - Features include a responsive UI, real-time product updates, and a seamless shopping experience.
  - Utilized the Provider package for efficient state management.

- **Phoneshop**
  - Created a full-stack web application for managing an online phone shop using Spring Boot (backend) and Thymeleaf (frontend).
  - Implemented functionalities for managing products, orders, and customer reviews.
  - This project demonstrates a solid understanding of both front-end and back-end development with Java technologies.

- **Gym App**
  - Created a fitness tracking app with a focus on workout routines and progress tracking. The app provides a list of exercises, and users can log their workouts and monitor their improvements over time. Technologies: React.js.

- **NASA API**
  - Developed an interactive web app that consumes NASA's API to fetch and display astronomy-related data using React.js.

- **Weather Forcast**
  - Built a weather forecasting application using HTML, CSS and JavaScript and the OpenWeatherMap API. Implemented features like weather updates, search functionality, and user location tracking.

- **Quote Generator**
  - A web application built with React.js and Redux to generate random quotes.
  - Fetches data from a public API, demonstrating proficiency in asynchronous data handling, front-end state management, and UI development.

- **Fireball Shooting Game**
  - 2D Platformer Fireball Shooting Game
  - A 2D action-adventure game built with Unity.
  - Players navigate through dynamic levels, defeat enemies, and progress by completing objectives.
  - Features a robust respawn system at the last checkpoint, as well as victory and game over screens.
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- **TO-Do list**
  - A simple but effective web application built with React.js for managing daily tasks.
  - Demonstrates core front-end skills in state management, component creation, and handling user input for creating, updating, and deleting tasks.

EDUCATION

IT Academy STEP Cambodia | Phnom Penh, Cambodia
- Software Development Student
- Relevant Coursework: Web Development, Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Mobile App Development, Game Development (Unity)

CERTIFICATIONS

- AWS Education Introduction to Cloud 101 (Amazon Web Services)
- IT Essentials (Cisco)

LANGUAGES

- **Khmer: Native**
- **English: Intermediate**

REFERENCES

- **Available upon request**