

PICHBORITH “Bo” KONG

Software Engineer

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Passionate Software Engineer specialized in React and Node application development with over 5 years of experience. Master's degree in electrical engineering from Military Technology Academy.

TECHNICAL SKILLS

- **Programming Language:** JavaScript, TypeScript, Python, Java, SQL, Swift, Object-oriented Programming (OOP).
- **Front End:** HTML, CSS, SASS Tailwind CSS, Bootstrap, React, Redux, Next.js.
- **Back End:** Node.js, Express.js, Flask, REST API, GraphQL, Firebase, PostgreSQL, MongoDB (NoSQL), Prisma (ORM).
- **Other:** Git, Postman, Jest (Unit Testing), Docker (Microservices), Redis, Figma.

EXPERIENCE

Queenpins | [Website](#)

May 2023-July 2023

Full stack E-commerce application integrated administrator functionality to manage products and provided solution in shopping experience for users.

- Leveraging a robust tech stack, including PERN Stack, TypeScript, Tailwind, Stripe, and Cloudinary.
- Collaborated with a team of 4 full stack developers during a 4-week sprint using agile workflow.
- Responsible for designed and developed database structure, and RESTful API server.
- Implemented the backend followed MVC design pattern using Express and PostgreSQL, optimizing data storage, retrieval, and management for improved performance.
- Integrated Stripe for secure and efficient payment processing, ensuring a smooth transaction experience for users.
- Integrated JWT (JSON Web Tokens) for secure user authentication and authorization, prioritizing user data protection.
- Contribute to implemented Cloudinary for efficient image storage and management, optimizing application performance and loading times.
- Documented the project thoroughly, including codebase and system architecture, enabling seamless handover and future maintenance.
- Troubleshooting, testing, and debugging to identify and resolve issues, ensuring a stable and error-free platform.
- Participate in code reviews, knowledge sharing, analyze and maintain code base.

Stranger's Things | [Website](#)

February 2023-April 2023

Full stack Online Marketplace Solutions web-based platform allowing the user to sell, buy and trade items to another.

- Developed and implemented using modern technologies including MERN Stack, TypeScript, Tailwind CSS, and Redux.
- Created an engaging and responsive user interface across mobile and desktop solutions using Frontend framework such as React and Tailwind CSS, providing an intuitive and visually appealing experience for users.
- Built a scalable server-side application followed MVC design pattern with Express.js, using MongoDB as the database to store user-generated content and facilitate efficient data retrieval.
- Utilized Redux for efficient state management, enabling real-time updates and smooth interactions throughout the platform.
- Utilized TypeScript to enhance code quality, maintainability, and overall development efficiency.
- Employed React Router for seamless client-side routing, ensuring a smooth and dynamic user experience.
- Implemented secure user authentication using JSON Web Tokens (JWT), ensuring the privacy and security of user data.

Director of Technical Operations | Metfone (Viettel Cambodia), PTE. LTD, Cambodia

September 2019-April 2022

- Constructed and deployed 25 telecom base stations, extending the service network, and improving connectivity for end-users.
- Demonstrated a proven track record of growing Home Internet Service customers base by 17%.
- Took charge of planning and deploying optic cable, covering 200 kilometers (including underground), ensuring smooth operations of communication services.

Technical Operator | Metfone (Viettel Cambodia), PTE. LTD, Cambodia

August 2018-August 2019

- Assigned and supervised tasks for 10-15 front officers.
- Reviewed and evaluated KPI installation and troubleshooting 500 cases per month.
- Managed 3000 Home Internet Service subscribers per month.

EDUCATION

Web Development Immersive Program

University of San Diego Powered by Fullstack Academy

- 26-Week Coding Bootcamp focused on Fullstack web development with the latest web technologies.

Master of Engineering in Electronics Engineering

October 2016-June 2018

Military Technology Academy, Hanoi, Vietnam

- Advanced knowledge and expertise in semiconductor devices, embedded systems, signal processing, and telecommunications.

Bachelor of Engineering in Electrical and Electronics Engineering

October 2010-November 2015

Military Technology Academy, Hanoi, Vietnam

- Comprehensive understanding of electrical systems, electronics, and communication technologies to design and develop innovative solutions for the modern world.

CERTIFICATES

- CS50P: Introduction to Programming with Python by Harvard University.
- TypeScript Developer by Zero to Mastery Academy.
- Front End Development Libraries by freeCodeCamp.
- JavaScript Algorithms and Data Structures by freeCodeCamp.
- Responsive Web Design by freeCodeCamp.