

Bui Quoc Cuong

Software Engineer

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Portfolio: portfolio-qucuongdev.vercel.app/

PROFILE

- Frontend Developer with 4 years of experience building scalable, high-performance web applications. Passionate about delivering impactful user experiences and collaborating in cross-functional teams to ship robust products.

PROGRAMMING SKILLS

- **Languages & Technologies:** JavaScript, TypeScript, HTML/CSS, PostgreSQL, Docker, Git
- **Frameworks & Libraries:** React, Next.js, Tailwind CSS, Ant Design
- **Tools:** Opensearch, Wazuh, Swagger, GitLab, Bitbucket

EDUCATION

- **Ho Chi Minh City University of Technology** HCMC
Bachelor Degree in Software Engineering; GPA: 3.0/4.0 Aug. 2017 – Jul. 2021

EXPERIENCE

- **Lancs Networks** Ha Noi
Software Engineer Oct 2024 - Present
 - **XDR Platform Development:** Contributed to the development of an Extended Detection and Response (XDR) platform, focusing on enhancing security visibility and threat detection capabilities.
 - * Leveraged **OpenSearch** for efficient storage, search, and analysis of large volumes of security event data.
 - * Integrated **Wazuh** for host-based intrusion detection and security monitoring, improving endpoint visibility.
 - * Collaborated with backend teams to define data ingestion pipelines and optimize query performance for real-time threat intelligence.
 - **SIEM Solution Enhancement:** Involved in improving the Security Information and Event Management (SIEM) solution to provide comprehensive security event correlation and analysis.
 - * Utilized **OpenSearch** for scalable log aggregation, analysis, and visualization, facilitating rapid incident response.
 - * Designed and implemented user interfaces for security dashboards and alerts, enhancing threat monitoring for clients.
 - * Optimized data retrieval and presentation layers, ensuring high performance for complex security queries.
- **TMA Solutions** HCMC
Software Engineer Aug 2021 - Oct 2024
 - **Operator Map Manager:** Developed a management website for monitoring, managing, and coordinating operators on an interactive map, aiming to optimize resource allocation and improve operational efficiency. Utilized **JavaScript, TypeScript, ReactJs, RxJs, Redux Observable, Bootstrap 5**, with **Docker, Bitbucket, Gitlab** for development and deployment.
 - * Implemented interactive chat dialog UI, operator login, and communication client pages, enhancing user engagement and core functionalities.
 - * Collaborated closely with design and backend teams to ensure seamless integration of requirements, contributing to a cohesive user experience.
 - * Contributed to the full development lifecycle, including analyzing customer requirements, writing/executing test cases, and maintaining/upgrading the website.
 - **Management Dashboard:** Designed and implemented a comprehensive dashboard for efficiently tracking and managing tasks, featuring display, search, categorization, and reporting functionalities. Developed with **TypeScript, ReactJs, Tailwind CSS, NodeJs, Fastify, TypeORM**, and documented with **Swagger, OpenAPI**.

- * Successfully designed and implemented robust APIs and entities, ensuring reliable data querying and response from the database.
- * Developed intuitive UI components for the dashboard, significantly improving user experience for task tracking and performance assessment.
- * Performed diligent maintenance and upgrades, ensuring system stability and continuous functionality for users.

HCMC

- **Anh Quan Tech**

Intern

Jun 2021 - Aug 2021

- Assisted in developing web applications and gained practical experience with modern web development practices.

CERTIFICATIONS

- **Online AI Foundation Training** - TMA Solutions (2024)