

# THIERRY(ALAIN) BUI

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## Profile

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Experienced Full-Stack Developer with 8+ years of expertise in **Front-End** and **Back-End** development. Proficient in **JavaScript**, **HTML**, **CSS**, and frameworks like **React**, **Vue**, **Node.js**, and **Express**. Skilled in **OOP**, Functional Programming, and **TDD**. Strong database management knowledge (**MySQL**, **PostgreSQL**, **MongoDB**). Proven track record of delivering high-quality code on time and within budget. Collaborative, problem-solving mindset with excellent communication skills. Passionate about staying updated with industry trends. Seeking new challenges to contribute to a forward-thinking organization.

### Front-End Web Development:

Throughout my years of experience, I have developed a strong proficiency in **front-end** technologies including **HTML**, **CSS3**, **TailwindCSS**, **React**, **Vue**, **Angular**, **GraphQL**, **React Native**, and **Ionic**. This diverse skill set allows me to create highly responsive and user-friendly interfaces that greatly enhance user interaction and engagement.

### Back-End Web Development:

With my strong proficiency in **JavaScript** and **TypeScript**, I am skilled in utilizing frameworks such as **Node.js**, **Nuxt.js**, **Nest.js** and **Express**. Additionally, my knowledge of **Python** allows me to effectively employ frameworks like **Django**, **Flask**, and **FastAPI**. These competencies enable me to design, develop, and manage complex server-side applications that drive robust user experiences.

### DevOps:

In the realm of **DevOps**, I possess a strong proficiency in repo hosting management using platforms such as **GitLab**, **GitHub**, **Bitbucket**, **CodeCommit**, **GCP Source Repository**, and **Azure Repos**. I have hands-on experience with cloud platforms like **AWS**, **GCP**, and **Azure**, leveraging them to optimize software development and deployment processes.

### Database:

In terms of database management, I have experience with **MySQL**, **PostgreSQL**, **MongoDB**, **RDS**, **DynamoDB**, and **AuroraDB**, ensuring robust and scalable data management solutions. I possess a solid understanding of **CI/CD pipelines** and have successfully implemented them using platforms such as **GitHub**, **GitLab**, **AWS**, streamlining development and deployment processes.

I am flexible in my work ethic and readily adjust my schedule to accommodate different time zones. With a dedication to continuous learning and improvement, combined with my versatile skill set, I am well-positioned to bring significant value to diverse web-software development projects.

## Experiences

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### Intelliworks

*Senior Software Engineer*

- Self-employee engineer
- <https://intelliworks.io> (wordpress)
- <https://quanpar.com> (wordpress)

California, US

May, 2023 - Present

## ICT Solutions

### Full-Stack Developer

Tirana, AL

Aug, 2021 – May, 2023

- Experienced as a Lead Full-Stack developer in Lucioles project development: Led and managed a team of 3 developers in designing and developing 5 verification applications for the Lucioles project (Vue, Next, Node, Express, and MongoDB) over a span of 6 months.
- Developed web application and mobile application and maintained responsive website by using React, React-Native, Ionic, Vue, Next, and Angular
- Collaborated with the design team to implement pixel-perfect, visually appealing user interfaces on Figma, AD etc
- Utilized HTML, CSS, SASS, TailwindCSS, React-Bootstrap, Vue-Bootstrap, MUI, Carbon and JavaScript to create interactive and dynamic web pages
- Implemented and maintained content management systems (CMS) such as WordPress, Wix, and Shopify
- Conducted website performance optimization to improve page load times and overall site speed
- Integrated Third-Party APIs for enhanced functionality, including payment gateways such as Stripe, Paypal, and Komolu and social media plugins
- Optimized data and state management in all projects using Redux, React-query, React-context, Vue-pinia, Vue-hook.
- Implemented many reusable Vue.js components like Pagination and vue-calendar using best practice
- Supported and improved the backend written in Node.js, Express.js, Nuxt.js, Nest.js Maintained several databases of websites by using MySQL, PostgreSQL and MongoDB
- Conducted regular testing and debugging to identify and resolve issues promptly by using DDD, TDD
- Stayed up-to-date make recommendations for improving web development processes

<https://diatomic.com>(Angular, Vue, Nest, GraphQL Python)  
<https://geeker.co> (React, Redux, Node, Express, PostgreSQL)  
<https://alirok.com> (React, Node, MongoDB, API integration)  
<https://lucioles.io> (Vue, Pinia, Node, Express)  
<https://Capsho.com> (Vue, Firebase)

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## CoinCheck

### Blockchain & Full-Stack Developer

Tokyo, JP

Oct, 2019 – July, 2021

- Managed a geographically distributed team of 8 developers with operations, priorities, and development goals utilizing Agile techniques such as weekly/bi-weekly scrums.
- Developed smart contracts using solidity and rust for Dapps.
- Developed app integration with REST/SOAP and other APIs for Google Maps, social media logins, payment processors, and other services.
- Used JavaScript frameworks (Vue.js, React.js, Angular.js), TypeScript, Node.js and Web3.js to interact with the Blockchain network.

<https://musing-goodall-6b0c08.netlify.app> (web3, solidity)

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## Freelancer

### Full-Stack Developer

Jul, 2015 – Oct, 2019

- Freelancing on Upwork, freelancer, guru etc.

## Skills

- **Front-End:** React, Vue, Angular, HTML, CSS, SASS, TailwindCSS, JavaScript, TypeScript, JQuery, BootStrap, NextJS, NuxtJS, Wordpress
- **Back-End:** PHP, Python, Node, Express, Sequelize, Graphql, MySQL, MongoDB
- **Version Control System:** Git, GitLab, BitBucket, Jira
- **Managing and Centralizing Application state:** Redux, Context, Vue-Pinia, React-Query, Angular-RsJX
- **API Integration:** SSO, WeatherAPI, Stripe, Paypal, Komolu
- **Testing:** DDD (Domain Driven Design), TDD (Test Driven Development)
- **DevOps:** Azure, GCP, AWS
- **Team Collaboration**

## Education

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### Thammasat University

*Engineering Science and Technology, Bachelor's degree*

- Coursework: Computer System, Programming, Algorithms
- Honors: Second Class Honors (2015)

Thailand

Apr, 2012 – May, 2016

## Hobbies

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Football, Art (Singer and Guitarist), Reading

## Qualities

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Communication, Teamwork, Time Management, Patience, Empathy, Continuous Learning