

# NGUYEN LE PHONG

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## SUMMARY

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Possessing a Bachelor's degree in Information Technology, with a minor in Software Engineering, and achieving a commendable classification (**GPA 3.36**), I have cultivated **over five years** of dedicated experience as a **front-end software engineer**.

Specializing in the design and implementation of user-friendly web applications, I bring proficiency in HTML, CSS, JavaScript, and React, coupled with a keen expertise in optimizing website performance to accommodate large user bases. My commitment to crafting visually engaging and efficient interfaces has consistently led to successful project deliveries across diverse industries.

*Here are my recent focused hard skills over the past few years:*

- **Back-end:** Competent in **Java** with the Spring Framework and **Node.js** with a working knowledge of the Express framework.
- **Front-end:** Proficient in **React**, utilizing TypeScript, JavaScript, and the **Next.js** framework, and **React Native** with a working knowledge of the Expo platform, as well as proficiency in **vanilla JavaScript**.
- **Libraries:** Seasoned in **Firebase**, Strapi, Directus, React Flow, Redux, React Query, and G2plot.
- **Testing:** Skilled in **Jest**, **Cucumber**, **Puppeteer**, and Testing Library.
- **Other:** In addition, familiar with **Micro-frontend** architecture, Proficiency in Responsive Design, Cross-Browser Compatibility, **SEO**, and GraphQL.

## EXPERIENCE

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### PrimeData VN

*Senior Front-end Engineer*

Binh Thanh

*July. 2020 – Apr. 2024*

The company builds a so-called CDxP product. In brief, it is a data platform that tailor-made to host and process customer profiles (the keystone solution is how would you able to identify and unify your customers data from heterogeneous schemas and formats from diverged services and systems).

*Key Contribution:*

- Led Front-end team, delivering **10+ projects** including CDxP app, Magento & WordPress demos, JS SDKs, mobile SDKs, and more.
- Managed team of **4 members**, aligning with product roadmap to satisfy 4 major partners, enhancing UI/UX and implementing advanced features like 360 profiles and campaign builders.
- Developed lightweight JS SDK with full functionalities (**<200kb**, **<150ms** load time), facilitating seamless integration across projects.
- Demonstrated rapid **problem-solving**, ensuring swift feature demonstrations to impress clients and investors.

*Key techs:* React, Next.js, Typescript, Antdesign, Wordpress, React Native, Nodejs

### Splus-Software JSC

*Java Developer*

Tan Binh

*Mar 2019 – July 2020*

An out-sourcing company. Most projects revolve around **mobile and web apps**.

*Key Contribution:*

- With expertise in the **end-to-end software production process**, I **led a small team**, mastering the phases from requirements gathering to project security, laying the groundwork for future leadership roles.
- Engaging in **8+** diverse projects across **education**, **food and drink**, **banking**, and **e-commerce** domains, I gained invaluable insights into both web and mobile application development.
- As a project mercenary, I secured significant projects like Savyu and Bank Tool, generating over **\$20,000** in revenue and earning recognition as the **Best Rookie of the Year** for my impactful contributions.

*Key techs:* Java, Spring Framework, React, Next.js, Typescript, Antdesign, Wordpress, React Native, Nodejs

A real estate-domain startup. I was one of the founding engineers.

*Key Contribution:* Initiated involvement in primary web app development as a Front-end Developer. Obtained foundational web development skills, with a specialization in **React JS** and related technologies. Collaborated on responsive design projects, prioritizing enhancements for user experience.

*Key techs:* React, Javascript, Wordpress, Material UI

## PROJECTS

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**Digital SAT Math** | *Next.js, React, React Native, Antdesign, Docker, GCP, Directus* Oct 2023 – Present

- Orchestrated product development spanning UI/UX design, product engineering, and user behavior analysis, resulting in a global user base exceeding **10,000** visits and **3,000** signups within two months.
- Elevated Google search rankings through strategic SEO initiatives, including proficiency in **parasite SEO** techniques. These efforts led to significant performance enhancements and effective positioning of the product in alignment with industry peers.
- Demonstrated efficiency and resource optimization in front-end application development by leveraging a single Cloud Run instance with **1 CPU** and a memory limit of **256 MiB**.
- Spearheaded the development of a mobile app with a **mobile-first** approach, enabling rapid deployment to app stores within **two days**. Additionally, ensured seamless **PWA** installation across all devices, enhancing accessibility and user experience.

**CDxP** | *React, Next.js, Antdesign, React Native, WordPress, Docker* July 2020 – Apr 2024

- Led the architecture and implementation of the CDxP project, focusing on **UI/UX** features, which enhanced the overall user experience and increased user engagement.
- Configured nested routers, maintained a **scalable** project structure and demonstrated strong knowledge of ES6, Typescript, and data types, which **improved code maintainability** and reduced code-related issues.
- Effectively **tracked errors**, and enhancements, and provided support for bug fixes, ensuring the project's **stability**, which improved system reliability and reduced system downtime.
- Implemented feature flags and RBAC for adaptive client configurations, alongside **20+ utility features**.
- Engineered **20+ advanced features** such as profiles, campaigns, analytics, and more.
- Established robust testing flow, covering core CDP features with **100+ scenarios** and **1000+ test cases**.
- Acquired domain expertise and excelled in testing methodologies, including BDD, unit testing, and **E2E testing**, which **improved test coverage** and reduced software bugs by **30%**.
- Developed a **feature flag** for runtime toggling, enabling A/B testing and feature grouping based on customer segments, which optimized feature delivery and increased feature adoption.
- **Documented** components for clarity and ease of maintenance, which improved code readability and reduced maintenance time.

*If you are interested in the project aspect, please visit my portfolio site at <https://nguyenlephong.github.io> for a more comprehensive overview.*

## REFERENCES

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