Quang Pham

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Accomplished Senior Software Engineer with over 9 years of experience driving innovation and delivering high-performance, scalable solutions across web and mobile apps. Proven expertise in architecting and deploying sophisticated web applications utilizing cutting-edge technologies such as React, React Native, Next.js, and Angular for the front end, alongside Node.js and Java for backend development. Experienced in leading teams, optimizing performance, and ensuring the scalability of complex systems in fast-paced environments. Passionate about crafting maintainable, efficient code and staying ahead of emerging tech trends.

Skills

Programming Languages:
- Main: Javascript, Typescript
- Others: Python, Java.

Technologies: Reactjs, Nextjs, React Native, Angular, Nodejs, Nestjs, PostgreSQL, RESTful APIs, GraphQL, Git, Docker.

Experience

RestfulMind   2024 - Present

Senior Software Engineer - Technical Leader
- Led a team of 6+ engineers, conducted code reviews, and optimized system performance.
- Leveraged Agile Methodologies to design and implement the project's development process effectively.
- Worked closely with the team to design and implement the system's foundation.
- Architected and developed a modern **React Native** app and a mono repo for API using **Lerna** workspace.
- Implemented core features, including authentication & authorization modules, bell, and sound management...
- Built an MVP (Minimum Viable Product) with a scalable architecture from scratch using Techstack:
  Frontend: **Typescript**, **ReactJS**, **NextJS**, **Tailwindcss**, **Shadcn-ui**, **React Native**, **React Query**, and **Zustand**.
  Backend: **NodeJS**, **HonoJS**, **CloudFlare Workers**, **REST APIs**, **WebSockets**, **Docker**, **Redis**, **PostgreSQL.**

Agility.io   2021 - 2024

Senior Software Engineer: Earlybird Team
- Contributed to developing a startup product with **250K**+ family users. Significantly optimized and improved the **React Native** mobile app, reducing app size for **iOS** and **Android** from **180**+ MB to approximately **135** MB, enhancing app launch speed, and improving **UI/UX** behavior for large list screens.
- Contributed to planning and collaborated with the team to **upgrade** the legacy system to the latest version.
- Restructured the architecture of the **React Native** app and addressed **technical debt**.
- Improved code quality by upgrading the use of TypeScript for stricter typing. Suggested team members use extensions such as **SonarLint** to enhance code quality and **optimize** the linting configuration in the project to improve the quality of code releases.
- Optimized API communication by implementing **GraphQL**, leveraging its advantages to refactor multiple API requests from client to server, reducing unnecessary server queries and redundant data retrieval on the client side.
- Improved performance by applying memoization techniques, bundle-splitting strategies, and optimized asset delivery to improve application performance and reduce load times during user interactions.
- Implemented quick solutions to address third-party issues(AppsFlyer deep link).
- Proposed to the client the use of feature flags (Statsig) to provide flexibility in controlling new feature and experimental features, thereby reducing project risks.
- Build a modern full-stack web application using **Next.js**, **Shadcn-ui**, **Node.js**, **Prisma**, and **PostgreSQL**.
- Mentor 3 engineers, 1 of which have been promoted to senior level.

Senior Front End Engineer: Centz Team
- I participated in building a new financial solutions **product** system on the front end with a highly scalable architecture, ensuring optimal performance and user experience across platforms. This was achieved using **TypeScript**, **ReactJS**, **React Native**, **Plaid SDK**, **Next.js**, **Styled-Component**, **React Query**, and **Zustand.**
- Worked with a product mindset, consistently contributing creative suggestions for the best product outcomes.
- I created and contributed core components using **Styled Component** with best practices for reuse throughout the entire app. This contributed to the development of a unique UI for the Centz product.
- Improved frontend performance by eliminating **unnecessary re-renders** using the **memoization** technique.
- Implemented core features such as user **authentication**, **data visualization**, and **large data list screens**.

- Conducted peer code reviews for team members and provided guidance and suggestions to improve code quality.

FPT Software   2017 - 2021

Teamleader: Kinyuu-1 Team

- Successfully led an offshore team of **5 members** as a Team Leader.
- Collaborated closely with QA to ensure project quality.
- Attended weekly meetings with the client and sent detailed daily progress reports via email for the project.
- Conducted **code reviews** for team members and training for new members as the project size increased.
- Participated in building the front-end architecture of a large and complex HRM enterprise system with over **600+** screens, and organized the restructuring of the Front-end data flow. Utilized **Typescript**, **Antd**, **ReactJS**, **Redux**, **Redux-Saga**.
- Contributed to migrating and **leveling up** two client projects(Naitou-level up) to a new interface while implementing complex new features across both the Presentation (PR) and Application (AP) layers.
- Built an **enterprise** system for **stock**(Investment Rule Checked) check and investment rule management, helping clients increase data processing efficiency by 8 times. As a **full stack developer** and **Lead frontend team**, I am responsible for designing and implementing the ERP frontend architecture for SPA using **Typescript**, **Angular**, **Ngrx**, **NodeJS**, **HighChartsJS**, Backend: **Rest API** Using **Java, Spring boot**, **Spring security**, **Maven**, **Mybatis**, **Lombok**, **Oracle** database.

Java web developer(Mid): Kinyuu-1 Team

- Java Web Developer specializing in the **fintech domain**, specifically in **stocks**.
- Maintained and implemented new features using the **Java Struts 2** framework and **Wolf-2 framework**.
- Creating detailed design.
- Write unit tests using **JUnit**.
- Q&A and Bug-controlling via the **Redmine** tool**.**

IDU Dang Nang   2016 - 2017

Java web developer(Junior): BO2S Team

- With my Java skills and aspiration to work on web development, I was promoted to the **Java** team.
- Developed **full-stack** development and maintained **Java web** applications.
- Collaborated with senior colleagues to develop core features using the **Struts 2** framework.
- Engineered responsive and interactive **UI** using **JSP**, **HTML**, **CSS**, **Bootstraps**, and **jQuery**.
- Write unit tests using **JUnit**, and **Mockito**.
- Use **Git** for version control.

Android developer(Fresher): 2014 - 2015

- Android development intern, based on a graduation project done with Android.
- Contributed to developing a highly functional set of Android applications.
- Implement **UI** using **XML**.
- Utilize the **Retrofit** library to perform networking.
- Write unit tests using **JUnit**
- Use **Git** for version control.

Education

Danang University of Science and Technology   2009 - 2014

- B.Tech Information Technology Engineer   Grade: Good