

Kha (Kane) Nguyen

Software Engineer

 0915421830
 nguyễnxuankha5371@gmail.com
 Ho Chi Minh City, Viet Nam

OBJECTIVE

Motivated Full-stack Developer with over one year of experience in **Node.js** and **React.js**, seeking a **Junior Developer** role to contribute to scalable web applications and enhance my skills in a professional, growth-driven environment. Proficient in **AWS EC2, RDS**, and DevOps workflows.

ADDITIONAL INFORMATION

Github: <https://github.com/KaneNguyen03>
LinkedIn: <https://www.linkedin.com/in/kha-nguyen-29732a209>
Portfolio: <https://kanenguyen.com>

EDUCATION

Sep 2021 - May 2025

MAJOR: SOFTWARE ENGINEERING

FPT University

GPA: 3.21/4

WORK EXPERIENCE

Cigro

Aug 2025 - Oct 2025

FRESHER SOFTWARE ENGINEER

- Developed backend services using NestJS, TypeORM, and Prisma with PostgreSQL.
- Integrated Sendbird and Firebase for chat, calling, and notifications.
- Implemented IAP webhooks and BullMQ for background tasks like auto message deletion.
- Developed proficiency in load testing methodologies using Autocannon and K6 with Grafana visualization

FSoft

Dec 2023 - Apr 2024

INTERNSHIP SOFTWARE ENGINEER

- Contributed to designing and developing responsive user interfaces using React.
- Reorganized and optimized the frontend codebase, used React Query to manage API data, improving performance and reducing unnecessary requests.

Axpara

Dec 2022 - Nov 2023

FRESHER SOFTWARE ENGINEER

- Developing and maintaining web applications using React.js and other related technologies.
- Collaborating with cross-functional teams, including designers, product managers, and other developers, to create high-quality products.

Axpara

Sep 2022 - Nov 2022

INTERNSHIP SOFTWARE ENGINEER

- Participating in code reviews and providing constructive feedback to other developers.

PROJECTS

EveryTalk

Sep 2025 - Now

MEMBER

Team size: 4

TECHNOLOGIES:

TypeScript, NestJS, PostgreSQL, TypeORM, Docker, Redis, AWS EC2, Sendbird, GitHub

- A real-time communication system for building management, enabling chat and call features between staff and residents.

Main Responsibilities:

- Integrated **Sendbird SDK** to implement **1-1 chat and voice/video call** features.
- Built **NestJS APIs** to handle user sessions, chat rooms, and notifications.
- Deployed and maintained the system using **Docker on AWS EC2**, ensuring high availability and scalability.

Oubong

MEMBER

Aug 2025 - Sep 2025

A system for building maintenance and crack monitoring

Dec 2024 - Apr 2025

FPT Fresher Academy Training Management

Dec 2023 - Apr 2024

Claritas

Feb 2023 - Nov 2023

Team size: 4

TECHNOLOGIES:

TypeScript, NestJS, PostgreSQL, Prisma, Docker, AWS EC2, Lambda, SQS, Redis, GitHub.

- A trekking platform that allows users to join clans, manage members, earn and distribute LuckyPeak coins, and purchase coins or subscriptions via in-app purchases.
- **Main Responsibilities:**
 - Maintained and extended an existing 6-month-old codebase.
 - Integrated **in-app purchase (IAP)** for coin and subscription payments.
 - **Migrated** the old webhook structure from **EventEmitter2** to a **serverless architecture** using **AWS SQS and Lambda**, improving scalability and reliability.

LEADER

Capstone project:

Team size: 4

TECHNOLOGIES:

TypeScript, NestJS, ViteJS, React.js, PostgreSQL, Docker, AWS EC2, RabbitMQ, gRPC, Redis, GitHub.

- A system that supports building management in monitoring maintenance tasks, tracking crack reports, assigning work, and managing repair costs, integrated with an AI model to detect building cracks from images.
- **Main Responsibilities:**
 - Acted as **team leader**, gathered requirements from mentor, and created project documentation including **SRS, use case diagrams, system design, and system architecture**.
 - Designed and implemented **microservices architecture** using **NestJS**, with **AWS Lambda** calling **Ultralytics YOLOv11 API** for image crack detection.
 - Coordinated development tasks among team members to ensure project milestones and deadlines were met.
 - Implemented API in building the **management dashboard** for residents and staff.

MEMBER

Product: Fsoft

Team size: 4

TECHNOLOGIES:

TypeScript, Vite.js, React.js, React Query, Redux Toolkit, Ant Design, Zod, GitLab.

- A web application for managing training programs, courses, and progress tracking for new hires at FPT Academy.
- **Main Responsibilities:**
 - Implemented **JWT authentication** to secure user access and role-based permissions.
 - Refactored and **reused UI components** to improve code maintainability and consistency.
 - Structured project folders and modules for scalability and easier collaboration.
 - Utilized **React Query** for optimized data fetching and state synchronization.
 - Developed **search, filter, and pagination** features to enhance user experience.

MEMBER

Product: Apara

Team size: 8

Technologies:

JavaScript, React, Tailwind, GitHub.

- A platform that enables users to upload building images, identify cracks, and manage inspection data efficiently.
- **Main Responsibilities:**
 - Implemented **user authentication and account management** with secure API integration.
 - Developed the **image upload and annotation interface**, allowing users to **mark and verify crack areas** with precise element positioning.
 - Collaborated with team members to ensure **responsive UI** and smooth user interaction across devices.

HONORS & AWARDS

Sep 2024 - Dec 2024

Honorable Student - Fall 2024

May 2024 - Aug 2024

Honorable Student - Summer 2024

Apr 2022 - Sep 2022

Honorable Student - Summer 2022

Sum 2020

Third-place of Science Technology in Lam Dong province

REFERENCES

Tony Thai
Senior Software Engineer
Email: trungthaihieu93.dedrdo@gmail.com

Michel Than
Project Manager at Axpara Company
Email: michel@axpara.com

CERTIFICATIONS

Sep 2024

User Experience Research and Design
<https://coursera.org/share/6d0c6bd149e94707df0407a5efbb75d5>

May 2024

Project Management Principles and Practices
<https://coursera.org/share/0569f6dd8e5edcee9d4ee627e411866e>

June 2023

Software Development Lifecycle
<https://coursera.org/share/2bcebdac591eeb044059ce7e7334477d>

Feb 2023

Web Design for Everybody: Basics of Web Development & Coding
<https://coursera.org/share/5134b435a3c299a729ae377175ae38b8>

SKILLS

Programming Languages

JavaScript, TypeScript, C#, Java, GoLang

Frontend

React.js, Next.js, Vite

Backend

Node.js, ASP.NET Core, NestJS

Databases

PostgreSQL, MySQL, MongoDB, MSSQL.

DevOps

AWS EC2, RDS, S3, Docker, RabbitMQ, gRPC.

VCS

Git, GitHub, GitLab