



Back-end Developer

# NGUYEN KE NAM

LinkedIn: [linkedin.com/in/namke-dev](https://www.linkedin.com/in/namke-dev)  
Portfolio: [namke.vercel.app/](https://namke.vercel.app/)  
Email: [namke.dev@gmail.com](mailto:namke.dev@gmail.com)  
Phone: 0559 800 799  
Address: Binh Thanh, Ho Chi Minh City

My main goal is to advance in my career and attain the senior back-end developer position. I'm committed to enhancing my interpersonal skills while making a meaningful contribution to my personal development and the organization's overall success.

## Skills

- **Main skills:** Build .NET applications, and apply algorithms to solve problems.
- **Proficient in:** ASP.NET Core web API, ReactJS, NextJS, and OOP languages including C#, Java, and Python.
- **Has experience with:** Database schema design, Docker, and AWS.
- **Knowledgeable about:** Application Architecture, Design Patterns, and Project Development Processes.
- **Languages Coursework:** Upper Intermediate English.

## Work Experience

### March - September 2023 Working at FPT Software

**Packaging Shipment Algorithms** - develop solutions for arranging shipments within a warehouse environment.

- **Technologies:** WinForms, .NET Framework Class Library.
- **Members:** 1 project manager; 1 tech lead; 3 back-ends.
- **Contribution:** Reduce packaging size by 30% using no-fit polygon algorithm;  
Implement error propagation models to improve operator reliability in mechanical operations;  
Design a post-shipment arrangement interface for precise adjustments.

### March 2022 - March 2023 Working at RESO Company

**Social Media Marketing Agency** - system helps Brands connect to Content Creators/KOL.

- **Technologies:** ASP.NET Core, Rest API, Entity Framework Core, Dynamic LINQ, SQL Server, ReactJS.
- **Members:** 1 tech lead; 1 DevOps; 2 back-ends; 2 front-ends.
- **Contribution:** Integrated an OLAP database for in-depth analysis and reports, resulting in a substantial reduction in daily transaction workload;  
Employed MPSO algorithm to optimize the employee job-matching process.

**IT Skill Assessor** - platform helps recruiters easily locate and connect with qualified tech talent.

- **Technologies:** ASP.NET Core, Rest API, Entity Framework Core, ASP.NET Core Middleware, Redis, SQL Server, Flutter.
- **Members:** 1 tech lead; 1 DevOps; 2 back-ends; 2 front-ends.
- **Contribution:** Configure isolated Docker containers for each candidate to do coding tests and mark their coding performance;  
Implemented Firebase Authentication and Firebase Cloud Messaging for real-time communication.

## Projects

**Stock Market Trends** - app for tracking stock prices over time, assessing company financial health, monitoring stock market trends.

**Technologies:** Figma, ReactJS, NextJS, Tailwind, Frame-motion, MongoDB.  
**Responsibility:** Interactive Data Visualization, Responsiveness, Animated Landing Page, REST API implementation.

**Free Ads YouTube** - an app elevates user experience on video-sharing platforms by eliminating all advertisements.

**Technologies:** ReactJS, NextJS, Tailwind, Frame-motion, MongoDB.  
**Responsibility:** UI Design, Responsiveness, implementation of interactive elements, REST API implementation.

**Social Media Data Extraction Tool** - a tool to collect metadata of social posts on multiple platforms.

**Technologies:** Selenium Webdriver, BeautifulSoup, OpenCV library, Python, MySQL, Docker.  
**Responsibility:** Automate the scheduling, apply data partitioning and Incremental updates.

## Education

### September 2019 - May 2023 Study at FPT University HCMC

**Bachelor's degree:** Software Engineering, major: Information Systems.

**Relevant coursework:** Cloud Computing, Software Architecture, Data Structures and Algorithms, Business Communication.