Back-end Developer

NGUYEN KE NAM

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

My main focus is on advancing in my career, aiming to excel as a back-end developer.
I'm committed to enhancing my interpersonal and technical skills while making a meaningful contribution to the organization's overall success and personal growth.

Skills

- **Main skills**: Build .NET backend components (workflows, data layers, APIs), UI components using ReactJS.
- **Proficient in:** ASP.NET Core (APIs, MVC), JS framework (NextJS), SQL (MySQL, MS SQL, MongoDB), OOP (C#, Java), ReactJS.
- **Has experience with:** API gateway (Nginx, Ocelot), message broker (RabbitMQ), container orchestration (Kubectl, Docker), AWS, Middleware (Auth, Log), EF Core (code first, database first), React (Framer motion, Three Fiber).
- **Knowledgeable about:** Microservices, Repository pattern, Dependency Injection, development processes (Agile, Scrum).
- **Languages coursework:** Upper Intermediate English.

Work Experience

March - September 2023 Working at FPT Software

Arranging Shipment Algorithms - crafted warehouse storage solutions for arranging shipments.
- **Technologies**: WinForms, .NET Framework, class library, SQL server.
- **Members**: 1 project manager; 1 tech lead; 3 back-ends.
- **Contribution**: Reduce packaging size using no-fit polygon algorithm;
  Implement error propagation models to improve operator reliability in mechanical operations;
  Create a UI for post-shipment arrangements, allowing 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 web APIs, Nginx, EF Core, SQL Server, NextJS, Docker, AWS.
- **Members**: 1 tech lead; 1 DevOps; 2 back-ends; 2 front-ends.
- **Contribution**: Craft OLAP database for in-depth analysis and reports service;
  Employed MPSO algorithm to optimize the employee job-matching process;
  APIs implement;

Developer Skill Assessor - platform helps recruiters easily locate and connect with qualified tech talent.
- **Technologies**: ASP.NET Core web APIs, EF Core, Firebase, Nginx, Redis, SQL Server, Flutter, Docker, AWS.
- **Members**: 1 tech lead; 1 DevOps; 2 back-ends; 2 front-ends.
- **Contribution**: Orchestrate Docker containers for coding tests and mark their coding performance;
  Firebase Authentication, Firebase Cloud Messaging; APIs implement;

Projects

Stock Market Trends - app for tracking stock prices over time, assessing company financial health, monitoring market trends.
Technologies: Figma, NextJS, Tailwind, Frame-motion, MongoDB.
Responsibility: Interactive Data Visualization, Responsiveness, Animated Landing Page, API implementation.

Free Ads YouTube - an app elevates user experience on video-sharing platforms by eliminating all advertisements.
Technologies: ReactJS, Tailwind, Frame-motion, MongoDB.
Responsibility: UI Design, Responsiveness, implementation of interactive elements, 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.