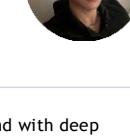


An Le Thanh

Senior Software Developer

CONTACT INFORMATION

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SUMMARY

Full-Stack Developer with 5 years of experience, specializing in **Angular(v8-17)**, **React** and with deep expertise **TypeScript**, **JavaScript (ES6+)**, **HTML** and **CSS**. Skilled in designing and building responsive, maintainable, high-performance web applications and developing RESTful APIs with **NestJS**. Experienced in MongoDB, RxJS, unit testing (Jasmine), and CI/CD processes. Passionate about clean UI/UX, scalability, and collaborative development.

TECHNICAL SKILLS

- Frontend: Angular, ReactJS, NextJS, TypeScript, JavaScript, HTML5, CSS, RxJS, PrimeNG, Tailwind CSS, Jest, Jasmine/Karma.
- Backend: NodeJS, NestJS, RESTful APIs.
- Database: SQL Server, MongoDB.
- Tools & Technologies: Git, SourceTree, Vercel, Azure DevOps, Postman, NPM.
- Other: Docker(basic), Agile/Scrum, Git Flow, CI/CD, Socket.IO.

EXPERIENCE

Jan 2024 - Present

Full Stack Developer

FPT Software

HAL-TSS. Connect2EDGE

Technologies:

- Angular 17, TypeScript, RxJS, PrimeNG, NestJS, NodeJS, MongoDB, Jest, Socket.IO.

Description:

- Connect2EDGE is a modular platform enabling real-time wireless downhole data communication, reducing operational complexity in oil and gas operations.

Responsibilities:

- Developed and maintained a modern, responsive UI using Angular (PrimeNG, RxJS), improving user experience and application performance.
- Built reusable generic components (dynamic forms, table components, modal managers) and shared services, reducing code duplication and accelerating feature development.
- Implemented unit testing (Jest) to ensure high code quality and logic reliability (>80% coverage).
- Designed and integrated complex calculation formulas to process real-time depth and well interval measurements, ensuring accurate and consistent downhole telemetry data.
- Conducted peer code reviews, documented shared patterns, and drew architectural diagrams.
- Implemented RESTful APIs, business logic, and database schema with NestJS and MongoDB for backend services.
- Conducted performance audits with Angular DevTools to resolve bottlenecks, optimize change detection, and improve load times.
- Cloudinary integrates for caching, real-time data synchronization, management, and query performance improvement.

Apr 2022 - Dec 2023

Senior Front-end Developer

FPT Software

HAL-TSS. SmartScheduling

Technologies:

- Angular 12, TypeScript, RxJS, .NET Core, Entity Framework, Jasmin, SQL Server, etc.

Description:

- SmartScheduling is a web-based planning tool that enables efficient scheduling of jobs, equipment, and personnel. It integrates with multiple enterprise systems (SAP, VDR+, CREW, RUBI) and provides centralized views for managing and updating resources in one place.

Responsibilities:

- Developed and enhanced SmartScheduling web application using Angular, TypeScript, and RxJS, ensuring responsive and user-friendly UI.
- Designed and implemented reactive state management with RxJS using a service-store pattern, centralizing state and selectors, enabling caching, and cutting ~30-40% API calls.
- Integrated Calendar Chart synchronization and resolved data consistency issues to ensure accurate creation, update, and overlap validation of work schedules.
- Refactored legacy code by identifying and consolidating redundant logic and UI components into shared service modules and reusable UI components, improving code clarity and reducing maintenance time.
- Wrote unit tests (Jasmine/Karma) for RxJS stores/services to validate flows, timings, and error branches, improving state reliability and maintainability.
- Maintained backend services using .NET Core and Entity Framework, including API updates and database migrations.
- Troubleshoot, debugged, and optimized application performance, ensuring stable release cycles.

Oct 2021 - Apr 2022

Front-end Developer

FPT Software

HAL.CEP.Optio

Technologies:

- Angular 8, TypeScript, RxJS, .NET Core, Entity Framework, Jasmin, SQL Server, etc.

Description:

- Web application development for cement engineering software applications.

Responsibilities:

- Built UI features in Angular/RxJS following component-based patterns; implemented forms, validation, and reusable UI elements.
- Implemented lightweight reactive state with BehaviorSubject to cache lookups and avoid duplicate API calls for dropdowns/filters.
- Collaborated with Tech Lead on code refactoring and best practices (folder structure, naming, RxJS piping).
- Integrated .NET Core WebAPI endpoints (CRUD, paging) and wrote basic unit tests (Jasmine/Karma) for services and pipes.
- Fixed UI bugs (layout, responsive, change detection) and supported code reviews with small refactors.

Dec 2020 - Oct 2021

Fresher Front-end Developer

FPT Software

HAL.CEP.VIDA

Technologies:

- Angular 8, TypeScript, RxJS, .NET Core, WebAPI, SQL Server.

Description:

- Develop web applications for cementing technical software applications.

Responsibilities:

- Developed and maintained basic Angular modules (routing, guards, reactive forms) under senior guidance.

- Consumed REST APIs from .NET Core using HttpClient and interceptors (auth headers, error handling).

- Applied RxJS essentials (map, switchMap, catchError) for simple data flows and navigation side-effects.

- Built reusable UI components (tables, filters) and extracted common styles to improve maintainability.

EDUCATION

Ho Chi Minh City, Vietnam

2018 - 2021

Software Engineer

Aptech Computer Education - Computer Software Engineering

LANGUAGES

SKILLS

English

Intermediate

Strong troubleshooting and debugging

High adaptability and commitment to deadlines

Excellent team collaboration and

communication

CERTIFICATIONS & COURSES

Udacity:

- Cloud Developer using Microsoft Azure (07/2024)
- Full Stack Web Developer (09/2022)