

# Pham Minh Nghia

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## WORK EXPERIENCE:

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### Full-Stack Developer – TypeScript / C#

June 2021 - Present

*FPT Software/ Danang, Vietnam*

- Built Mobile Web Application UI for Safari and Android Chrome using Angular, HTML, SCSS, Bootstrap CSS and Kendo UI as a JavaScript UI library
- Refactored reusable code, features, and components for better readability and scalability
- Optimized run-time by storing user preferences in localStorage instead of in database
- Added a Business Layer to Mobile Web App Back-End for better scalability
- Increased Dev team's efficiency effort by 6.88%
- Led team of 3 to develop an Online Shopping Website Backend environment, using ASP.NET Core and SignalR for live functionalities, to train Business Unit's interns

## SKILLS:

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- Languages: JavaScript, HTML, CSS, C#, Python, SQL
- Frameworks/Libraries: Angular, ASP.NET Core, ASP.NET MVC, Nest JS, Kendo UI
- Technical Works: Jira, Git, Redis, Azure Services, Heroku, Docker

## PROJECTS:

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### Full-Stack Developer - JavaScript/C#

May 2021 – June 2021

*Tender Dating App*

- Developed a social media application using Angular, ASP.NET Core, SignalR, Entity Framework and SQLite stack
- Incorporated Azure Computer Vision Services to expand app functionality and improve UX
- Cached JWT in Redis in-memory data structure for secured and high-speed data access

### Back-End Developer - JavaScript

February 2021 – May 2021

*Peer Recognition Software*

- Led Backend team of 5 to deployed Nest JS frameworks (a progressive Nodejs)
- Implemented access/refresh JWT authentication and CRUD endpoints
- Utilized TypeORM to fetch and manipulate payload from PostgreSQL
- Deployed React library to design frontend for the Software. Designed and implemented comment/reactions section using Material UI frameworks
- Extensive communication and collaboration with peers to ensure Project's compatibility
- Followed Scrum framework to perform weekly sprint to iteratively build upon project

### Mass Class Tree - Python

April 2021

- Deployed Machine Learning algorithm using Binary Tree Data Structure to train and predict election results from cities in Massachusetts state.

## EDUCATION / CERTIFICATION:

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### University of Massachusetts: Amherst

Amherst, MA

*Computer Science Undergraduate, Mathematics Minor*

Sep 2019 – Dec 2022

- Cumulative GPA: 3.78/4.0

### AZ-900: Microsoft Azure Fundamentals

Danang, Vietnam

- Score: 820

Dec 13, 2021

**Relevant Coursework:** Artificial Intelligence, Machine Learning, Algorithm, Data Structure