Ta Xuan Tung

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BACKEND NODEJS DEVELOPER

Introduction

Backend Developer with hands-on experience in Node.js, acquired through academic studies as well as personal and real projects. I was exposed to and worked in a professional environment where I sharpened my skills and gained practical work experience. Therefore, I am always eager to learn and further develop my skills in large-scale systems and complex architectures throughout my work, contributing to building reliable and efficient solutions.

Work Experience

- **Developer at GST G8, FPT Software (F-ville 3)**

  FPT Software
  Apr 2024 - Apr 2025

  Description: Implemented backend APIs for smart car features, including door lock/unlock, air conditioning, and smart lighting, integrated into electric vehicles.

  Role: Backend API development.

  Responsibilities: - Designed and implemented backend APIs based on the provided sequence diagrams.
  - Implemented API endpoints according to Swagger (API UI) with the requirement specifications.
  - Created unit test cases and performed execution.
  - Refactor and maintain in AWS CodeCommit repositories.

  Technologies: Spring Boot, Swagger.

  Tools: IntelliJ, AWS CodeCommit, Fork, Postman, Jira.

- **Management Team Member – FPT AI EZ (Academic & Learning Community)**

  FPT University
  Apr 2024 - Present

  Description: Managed student course registration, inquiries, scheduled classes, provided support for short/long-term online review courses for FPT University students.

Project Experience

- **Capstone Project: HTClinicHub System**

  FPT University
  Apr 2025 - Sep 2025

  Description: HTClinicHub is a digital healthcare platform in Vietnam that helps users book medical appointments, access online consultations, and manage medical records conveniently.

  Role: Full-stack Developer | Team size: 5.

  Responsibilities:
  - Analyzed requirements from the client (Phong Linh Company) and the BA team to define requirements, then wrote a package diagram, use case, and class diagram.
  - Built features for creating and managing personal and family health profiles..
  - Implemented prescription management functionality, allowing doctors to create and issue medication orders..
  - Developed modules to calculate and measure body metrics (BMI, body fat, vitals)..
  - Integrated QR code scanning to allow patients to receive medical examination results securely.

  Technologies: NodeJS (NestJS, ReactJS), MongoDB, PostgreSQL, Kafka.

  Tools: Visual Studio Code, GitHub, Docker, Postman, PlantUML, Draw.io, Trello.

  Architecture: Microservices.

  Client: Phong Linh Company – commissioned the project and piloted real-world clinic services.

- **Project: PLANUS MOBILE APP**

  FPT University
  Jan 2025 - Apr 2025

  Description: AI-powered travel planner that analyzes your preferences, budget, and weather to create a personalized trip itinerary in seconds.

  Role: Front-End Developer | Team size: 3.

  Responsibilities: - Detected location and real-time weather updates to optimize travel routes and activities.
  - Developed user interfaces in React Native for creating, editing, and viewing travel plans interactively.
  - Implemented trip tracking features to monitor travel progress and display route summaries.
  - Built a review and feedback module for users to evaluate destinations and itineraries.

  Technologies: NodeJS (NestJS, React Native), MongoDB.

  Tools: Visual Studio Code, GitHub, Postman, PlantUML, Draw.io, Trello, Expo

  Source Code: **PLANUS FE Repository**

- **Project: Tâm Giao**

  FPT University
  Jan 2025 - Apr 2025

  Description: A mental health platform that allows users to take psychological tests, receive counseling, book medical appointments, and access articles from leading psychology experts.

  Role: Full-stack Developer | Team size: 4.

  Responsibilities: - Collaborated with the team to brainstorm and refine system ideas, clarified business.
  - Developed features for users to take psychological assessments to identify the root causes of mental health issues.
  - Built modules to view examination results and receive professional feedback.

  Technologies: NodeJS (ExpressJS, ReactJS), MongoDB.

  Tools: Visual Studio Code, GitHub, Postman, PlantUML, Draw.io, Trello.

  Source Code: **Tâm Giao Repository**

Education

- **FPT University**

  Hanoi, Vietnam
  Jan 2022 - Sep 2025

  Bachelor of Software Engineering: Graduated

- **UCSI University**

  Kuala Lumpur, Malaysia
  Aug 2022 - Sep 2022

  Participating in the Intensive English Language Programme

Skills

- Languages: English | Vietnamese: Native
- Programming languages: C, Java, JavaScript, SQL, Java Android
- Frameworks & libraries: ReactJS, ExpressJS, NestJS, React Native

- Databases: SQL Server, PostgreSQL, MongoDB, SQLite
- Architecture & Practices: Microservices, MVC, RESTful API
- Tools & Platforms: GitHub, Docker, Postman, Expo.dev, Trello

Activities

- **FPT AI EZ**

  Hanoi, Vietnam
  Apr 2024 - Present

  Member of the Admin Team. Managed student course registration, provided support for short/long-term online review courses for FPT University students.

- **FTIC - FPTU Traditional Instruments Club**

  Hanoi, Vietnam
  Jan 2023 - Present

  Member of the Culture Departments. Supporting traditional music events and assisting in organization, coordination, and teamwork.

- **FEC - FPTU English Club**

  Hanoi, Vietnam
  May 2023 - Present

  Member of the Internal Departments. Organized **"SHARE TO BE SHARED"** with FEC, bringing English to children in Tuyen Quang (Dec 2023). Supported 100+ participants and trained new members, developing teamwork, communication, and organizational skills.

  Head of Logistics in transition ceremony March 2023