Tuan Duong Nguyen

Wollongong, NSW 2500 | (+61) 466-057-568 | duongnguyen6880@gmail.com
Portfolio: https://duongnguyen-portfolio.netlify.app/
Nationality: Vietnamese | Visa Type: Student (Visa 500)

CAREER SUMMARY

In 2016, I earned a diploma in Software Engineering from FPT University in Vietnam. I have since gained six years of experience as a software engineer with FPT Software and Toshiba Software Development Vietnam. In July of 2023, I will begin my pursuit of a Bachelor of Computer Science at the University of Wollongong in Australia. My passion for technology is unwavering, and I am always eager to explore new advancements. I thrive on project-based challenges and take pride in completing my assigned tasks with diligence.

SKILLS AND STRENGTHS

- Had experience with projects in programming languages C/C++, C#, and Python. (Used MFC, WFP, Visual Studio, Kanzi Studio, Unity, SECS...)
- Had knowledge and personal projects with Java, Python, JavaScript, TypeScript programming languages, and HTML5, CSS3, jQuery, Json, XML, JSX and database with MySQL, SQL Server, SQLite, and services such as AWS. (Used React, NodeJS, Flask, RESTful API, Atom, Postman, Heroku, NetBeans, Eclipse, IntelliJ IDEA...)
- Had experience with analysis of new requirements, designing software, maintaining, debugging and migrating software (between different programming languages). (UML, Aastah…)
- Had experience with documents and software control versions using SVN, Git, and task management using JIRA or Redmine.
- Had experience creating test specifications on unit testing, integration testing, and convention checking with MISRA or Doxygen. (gMock, JUnit…)
- Had experience with the Quality Assurance process in software development. (CMMI, ASPICE)
- Ability to learn new technologies, algorithms, programming languages to support projects. (Participated projects often use more than 2 programming languages)
- Has worked with many operating systems such as Windows, Linux, Ubuntu, QNX, and Windows Embedded.

PROJECT / TRAINING

- Studying The Ultimate React Course 2024 from Udemy.
- Finished Certificate of Web Developer Bootcamp with Flask and Python in 2023 from Udemy (Certificate of Completion - Jan 2024).
- Finished Study Australia Industry Experience Program from Practera. (Certificate of Completion - Nov 2023).
- Personal projects finished: Blog website, To-do list website (Python, Flask, SQLite, RESTful API, Deploy on Heroku)
- Personal project working: Booking website (React, Tailwind, Database using Superbase, Deploy on Netlify)

- Bonding chip machine (10/2019) -(06/2023): Was in charge of developing recognition and teaching patterns (Cognex), bonding process, SEMI Equipment Communications Standard (SECS) features (team with ~7 members). (C/C++, MFC)
- Electric dam optimization (04/2019) -(10/2019): Was in charge of developing existing software to calculate the schedule for electric pumps in the dam to optimize electric cost (one-person project). (C++/CLI, Python, Genetic Algorithm)
- Tickets vending machine (10/2018) -(04/2019): Was in charge of maintaining and fixing bugs in software (team with ~15 members). Researched new technology to update the current ticket vending machine (one-person project) (Replace current GUI C#/WFP with C#/Unity). (C/C++, C#, WFP, Unity)
- Develop HMI for cars (10/2016) -(10/2018): Was in charge of developing HMI for cars (team with ~6 members). (C/C++, MFC, Kanzi Studio, OpenGL)

WORK HISTORY
Remote, Wollongong (Australia), Freelancer, (07/2023)-Present
Toshiba Software Development Vietnam, Ha Noi (Viet Nam), Software Engineer, (10/2018) -(06/2023)
FPT Software, Ha Noi (Viet Nam), Software Engineer, (10/2016) -(10/2018)

EDUCATION
Diploma in Software Engineer, Jul-2016, FPT University, Ha Noi, Viet Nam
Bachelor in Computer Science, Jul-2023 to Jul-2026, University of Wollongong, Australia (Current WAM: 86/100)