THANH TOAN TU
SOFTWARE ENGINEER

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SUMMARY & CAREER OBJECTIVE

A passionate and dedicated Software Engineer with 3 years of experience in enterprise-level application development primarily focused on Pega Development, now transitioning into Full-Stack Development. Skilled in both frontend and backend technologies, including React.js, Node.js, Express.js, and MongoDB. Currently improving my skills and expanding my knowledge in related technologies, while building a portfolio of small projects to demonstrate my growing expertise in frontend and backend development.

With a strong foundation in software development principles, object-oriented programming, and functional programming, I bring a solid understanding of coding best practices, agile methodologies, and REST APIs development. My experience as a Pega Developer has nurtured valuable skills in problem-solving, designing user-friendly interfaces, and working in fast-paced environments. I am eager to apply these transferable skills in a web development role.

I am seeking an entry-level or junior developer role that will allow me to restart my career in a field I am truly passionate about. My goal is to contribute meaningfully to projects, while continuously learning and growing in a supportive and innovative environment. I am excited to leverage my background in software engineering, along with my current web development skills, to make a lasting impact in a new team.

SKILLS SUMMARY

- **Languages:** JavaScript, Java, SQL, Pega
- **Frontend:** HTML, CSS, React, MaterialUI, Font Awesome, TailWindCSS
- **Backend:** Node.js, Express.js
- **Database:** MongoDB (using Mongoose)
- **Testing:** Node:test, Supertest, Playwright, Cypress
- **Version Control:** Git, GitHub
- **Deployment Platforms:** Fly.io, GitHub Pages
- **Developer Environment:** Visual Studio Code, IntelliJ IDEA, Pega Platform
- **Tools:** Postman, Storybook, Microsoft Tools (Excel, PPT, Word, etc.)
- **Project Management:** Jira, Azure DevOps
- **Soft Skills:** Hardworking, Good Learner, Team Player, Highly-Developed Communication, Strong Interpersonal, Problem-Solving, Time Management skills, Friendly

CERTIFICATIONS

Responsive Web Design
freeCodeCamp.org | 2024

JavaScript Algorithms and Data Structures
freeCodeCamp.org | 2024

Pega Certified Senior System Architect
Pega Academy | 2023

Front End Development Libraries
freeCodeCamp.org | 2024

Full Stack Open
University of Helsinki | 2024

PROFESSIONAL DEVELOPMENT

Full Stack Open Extensions | University of Helsinki

Java 17 Masterclass Course 2024 | Udemy

PORTFOLIO

https://thanhtoantu-portfolio.fly.dev

Summary

- This portfolio showcases my experience and skills with Full Stack Development.
- It includes projects that focus on different aspects of Frontend and Backend.
- It is to be continuously updated with more projects and technologies.
- Source code: https://github.com/ToanThanhTu/thanhtoantu-portfolio.

EDUCATION

Bachelor of Science in Information Technology

University of Technology, Sydney. 2015 - 2019

WORK EXPERIENCE

Pega Developer and Product Support | Infosys Ltd | November 2021 - October 2023

Projects

- **NSW Transport Safer Roads Program**
- **NSW Aged Care PACE Program**
- **Proximus MCOM**

Work

- Implemented new features for existing applications.
- Conducted code reviews and provided feedback to improve code quality and system performance.
- Enhanced databases and application performance.
- Provided customer service by answering phone calls and helping clients that had issues with the application.
- Managed client's accounts in the system, by creating, deactivating or providing different levels of access.

Pega Developer | Wipro Ltd | Mar 2020 - Oct 2021

Project

- **WaterNSW Water Management System**

Work

- Created Data classes and databases.
- Created UIs and functions, allowing users to easily navigate through the application.
- Coordinated with clients, business analysts and team lead in all implementations.
- Assessed and enhanced databases and system performance.
- Configured Application Versioning and deployed patches to different environments.
- Generated reports from different data tables.
- Developed unit testing to ensure software quality.