Tung Vo (Tony)
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Work Experiences (1)

Solution Architect (SRE02/4.1N/P6), FPT Software, Hanoi, Vietnam   **July 2024 - Present**

- Provide technical expertise and guidance during the pre-sales process, including solution demonstrations, crafting technical proposals, Q&A with customers.
- Provide training for SAs on technical topics
- Support pre-sales process and proposal for Dell Customer and win one project from US customers
- Support internal sizing for project
- Support technical solutions for customers
- Perform interviews for potential candidates for projects
- Provided technical inputs for customers
- Designed data model, API specifications, wrote technical standards, coding guidelines and code review for team
- Be technical lead and solution architect for one project using FastAPI and React
- Wrote business plan and proposal for Data & AI team of FSoft Innovation
- Developed a real estate chatbot for REC group using Django & LLMs
- Competed in Hackathon for AI solutions for Healthcare and get second prize
- Provided solution to sync logs from ELK to Splunk
- Provided solution to improve machine learning solution (ATS Dashboard)
- Organize successfully and was a judge for AI Hackathon
- Support Sizing for Outsystems Invoice Process Application
- Support proposal for Parkway BPS automation improvement
- Support proposal and estimation for PKF tax platform
- Support building FPT OneDatahub project
- Suggest idea to build Data Management system to improve data request process, saving 50% time and effort in data request process
- Lead and implement AI4Code initiative

Senior Software Engineer, One Mount Group, Hanoi, Vietnam   **Nov 2022 - June 2024**

- Designed and implemented Contract Management System (CTMS) and Efficient Resource Management (ERA), Digital Signature, IT Users Onboarding Application, Interior AI Solution using Agile Methodology, HTML5, CSS3, Javascript, Python Django, MySQL
- Designed architecture using domain-driven design and build C4 models of the system
- Developed successfully multiple features, changed requests and fixed multiple bugs. Increasing productivity of business users and fixing multiple bugs blocking users from their workflows.
- Provided training sessions for dev teams on unit testing, product management and database transaction management

Software Engineer, KPMG Digital Enablement, Singapore   **Jan 2019 - Oct 2022**

- Developed Digital Finance Solutions, Proof Of Concept, Web Applications, API Integration, Email Notifications for clients of KPMG Singapore using HTML, CSS, Javascript, FastAPI & MySQL
- Built Digital Finance applications for clients. Built key product features including templates, URL routings, sessions, forms, authentication, email notification service, workflows and implementation of user registrations, url routings, user input validation. Developed user stories and fixed issues raised by QA and enhancements by customers. Implemented REST API integration between Intranet and Internet Application.

Technical Consultant, Aodigy Asia Pacific Pte Ltd, Singapore   **Jan 2018 - Dec 2018**

- Developed CRM applications, integration solutions for clients using HTML, CSS, Javascript & Python Django
- Organized requirement gathering workshops, managed customers, gathered requirements, analyzed business processes, wrote design documentation, designed data model, managed project timeline and developed solutions for clients.
- Wrote integration for Salesforce with a legacy system SAP, FTP, Azure, Outlook, Slack
- Clean, transform and migrate data using SQL, Excel VBA & Data Import Wizard from SAP to Salesforce

Education & Academic Projects (2)

- **Bachelor of Computer Science** (Honors) - Nanyang Technological University, Singapore   **Aug 2013 - Dec 2017**
- **Final Year Project**: Option Trading System using Fuzzy Neural Network and Matlab

Courseworks & Projects (3)

- **Software Engineering (7):** design use case diagram using UML, implement Android app using Kotlin
- **Net-Centric Computing (6.2)**: developed a web application using HTML, CSS, Javascript, PHP & MySQL
- **Computer Networking (6.1):** developed client and server application using Java Websocket
- **Artificial Intelligence (5.2):** developed intelligent applications using Prolog. Implemented Fuzzy Logic AI
- **Database Principles (5.1):** designed and developed database application using Postgresql & MySQL
- **Operating System (4):** implemented Unix-style OS threads using C++
- **Object-oriented Design & Programming (3.3):** developed application using UML & Core Java
- **Algorithm & Data Structure (3.2):** implemented different data structures and algorithms using C++ & Java
- **Programming Paradigms & Techniques (3.1):** introduction to programming with Python
- **Compiler Techniques (2)**: implemented a lexical analyzer, a parser, a semantic analyzer using JFlex in Java
- **Computer Organization & Architecture (1):** implement parallel processing using Assembly language

Awards & Co-Curricular Activities (4)

- Runner-up in National Physics Competition   **2009 - 2010**
- NTU Undergraduate Research Experience on Campus's Project (URECA)   **2014 - 2015**
- Publication & Publicity Director, NTU Institution of Engineering & Technology   **2015 - 2016**
- First Prize in Company Presentation Contest, Aodigy Asia Pacific, Singapore   **2018 - 2019**

Skills, Certifications & Languages (5)

- **Skills**: Software Development Lifecycle (SDLC), Agile Methodologies, Solution Architecture Design, User Story Estimation, Team Leadership and Management, Code Quality Assurance, Low-Code Development Best Practices, Integration and API Development, Teamwork and Collaboration, Effective Communication, and Presentation Skills
- **Languages**: English, Vietnamese