Nicha Ngamtweerat
Software Developer

A self-taught and enthusiastic Software Developer with four years of professional experience in software development and nearly five years of tutoring programming. Passionate about continuous learning and innovation, I am eager to contribute my skills and experience as a valuable asset to your team.

📞 085-910-2653   ✉ nicha_nga@hotmail.com   🐙 github.com/nnicha123   📍 Bangkok, Thailand   👑 20-Aug-1995

WORK EXPERIENCE

Software Developer
BRED IT Thailand

11/2020 - 08/2023

- Enhance customer service and performance in the financial sector by providing portal sites that use Angular front-end interacting with REST API microservices, and Java backend interacting with the Oracle Database.
- Worked on every aspect of the projects from the designing the mockup, the front-end and back-end application, right up until managing the project deployment.
- Extra Responsibility -> Trained Angular for newcomers, and became the reference person for the customer onboarding project.

Strategic Planner
Nissan Motor Asia Pacific

08/2019-04/2020

- Preview company business plans and create proposals headed towards company's Mid Term Plan direction.
- Responsible for selecting and arranging employee technical and non-technical training sessions and communicating plans to both the outsource trainers and our employees.
- Extra Responsibility => Create database improvement plans (Excel VBA) for information collection & analysis.

Software Engineer
Toyota Tsusho Denso Electronics

11/2018-08/2019

- Designed and Implemented Electronic Control Unit (ECU) systems based on specification sheets and create Q&A to confirm requirements.
- Extra responsibility => Created training materials for new comers regarding embedded programming and MISRA C requirements.

Research Engineer - Internship
Toyota Tsusho Denso Electronics

06/2017-08/2017

- Research and Analysis of Electronic Control Unit (ECU) in automobiles through MATLAB Simulink simulations and model creation.
- Presented overall findings in an official report (confidential) and presentation.

EDUCATION

University of Bath
MSc Data Science

09/2023-10/2024

- Completed with Distinction.
- Analytical skills and enhanced knowledge of Python programming as it is applied extensively throughout the course for machine learning and data representation purposes.
- Advanced Data Representation skills through visualisation libraries such as Matplotlib, Seaborn and Plotly.

University of Southampton
MEng Electronic and Electrical Engineering

09/2014-06/2018

- Majoring in control & communication systems - Completed with First Class Honours (*See transcript).

ACHIEVEMENTS

- Global Leaders Scholarship: For displaying academic excellence, communications skills and leadership potential, from the University of Bath (2023).
- Quality Improvement Awards: For Outstanding Knowledge Sharing, from Toyota Tsusho Denso Electronics Thailand (2018).
- Top achieving students in the 3rd year of study. (Prove available as reference letter from tutor) (2017).
- University of Southampton Merit Scholarship for top achieving new international students (2014).
- NZQA (New Zealand Qualifications Authority) Scholarship for Chemistry & Statistics (2012 & 2013).

LANGUAGES

Thai   🟨🟨🟨🟨🟨
English (*TOEIC: 955)   🟨🟨🟨🟨⬜

INTERESTS

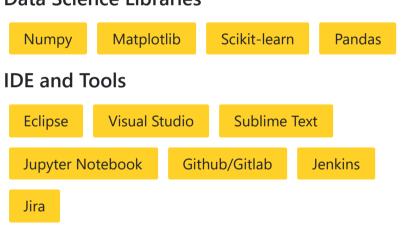🎵 Music   🍴 Cooking   📙 Reading   💡 Technologies

SOFT SKILLS

- Team Player - Having worked with big teams of developers, we always support one another and did what it took to deliver quality products.

- Self Motivation - I have self studied the frameworks and self development tools and have successfully obtained a job as a self-taught developer.

- Problem Solving - My previous experience as an electronics engineer and a software developer allows me to develop analytical skills as we always had to deal with unexpected issues which had to be resolved promptly.

TECHNICAL SKILLS

Programming & CAD

HTML CSS Java Spring Boot Javascript

React & Redux Typescript Angular Next.js

Socket.IO Python MySQL MongoDB

Node.js Excel VBA MATLAB & Simulink

Basic C System Verilog P/T-Spice

SolidWorks

Data Science Libraries

Numpy Matplotlib Scikit-learn Pandas

IDE and Tools

Eclipse Visual Studio Sublime Text

Jupyter Notebook Github/Gitlab Jenkins

Jira

Microsoft

Word Powerpoint Excel