Arti Sukasem
Web developer / Junior Developer

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Portfolio: https://arti-sukasem.github.io
github.com/arti-sukasem
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I am currently working as a software developer at Auckland Bioengineering Institute, New Zealand. I finished a fullstack bootcamp (CODE+) from LearningPeople recently. What I learned from this course are HTML5, CSS, JavaScript, MySQL, Python, NodeJS, REACT JS, Django, agile and scrum development and also received a ISTQB software testing certificate. Now I am passionate about web development and looking for a career change into this industry.

Skills

Tools and Languages	Python, Git, HTML, REACT JS, CSS, JavaScript, MYSQL, NodeJS
Quantitative Research	Computational Modeling, algorithms
Communication	English (professional), Thai (native)

Technical Experience

Software Development / 12 Labour Project
Auckland Bioengineering Institute
08/2021 — Present · Auckland, New Zealand

- Developed a new feature and new computational modeling using automation and data registration, model fitting.
- In details, a lung model has been created in order to fit to a large number of the datasets (CT images) using machine learning. The outcome of the work significantly decreased workload for professionals and improve the accuracy of the model fitting
- Supervised and cooperated in software development with the other teams in the company.

Software Development / SPARC Project
Auckland Bioengineering Institute
08/2020 — 2021 · Auckland, New Zealand

- Created algorithms and contributed to computational modeling for 3D human and animal models using Python.
- Tested the new version of my company's software (known as Mapping Tools) and proof read documentation before releases.
- Assisted in demonstrating a software workshop in the company for the other teams to be familiarised.
- Maintained existing features and developed a new feature in the software for a better performance.

Web Development / Side Project
Personal Project
03/2022 — Present

- Created a booking website with my own booking system.
- Created a JavaScript embedded code from scratch for a booking system. This script saves me a lot of money and make the project more scalable rather than using booking systems/services in the market
- integrated many platforms seamlessly (such as Webflow, Zappier, Notions, and Memberstack) for payment, automation, cooperation and elegant design.
- Learned a lot of web development from my own project, since I solved a lot of problems to make it work.

Web Development / Side project
Personal Project - https://arti-sukasem.github.io/Personal-website/
01/2022 — 05/2022

- Created a task reminder using REACT.
- Created a personal CV website using HTML, CSS, JavaScript.
- Created a matching game using HTML, CSS, JavaScript.
- Created a e-commercial website with authentication using Django.

Biomedical Engineer
Overview Experience (Checkout my LinkedIn for more details)
2014 — 2018

- I had an opportunity for an intern at one of the medical company (BJC Company) in Bangkok, Thailand. For this role, I maintained and installed medical equipment (CT scan, MRI scan, surgical robot, etc.) at hospitals and research institutes.
- I was a research assistant at Auckland Bioengineering Institute. For this role, I worked in data processing, signal analysis and published three academic papers and journals based on the discovery of the research.
- For my master degree, I created a biosignal sensor for the stomach to detect any abnormal activity in the stomach due to gastroparesis (indigestion) and other stomach illness. The outcome was very positive, it can be used to detect the abnormal activity in the stomach. Now the sensors has been developed and sold by my supervisors, known as "Alimetry"

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EDUCATION

Fullstack Bootcamp (CODE+), *Learning People*   01/2022 - Present
Master of Engineering, *Auckalnd Bioengineering Institute*   03/2019 - 05/2020
Academic scholarship - Rutherford Discovery Fellowship
Bachelor of Engineering (Hons) in Biomedical engineering, *The University of Auckland*   03/2014 - 2018

ACTIVITIES

ISTQB Certified Tester Foundation Level (CTFL)   2022
the fundamental concepts of software testing. The CTFL focuses on the common language for efficient and effective communication with other testers and project stakeholders.

Agile Project Management Foundation   2022
This certification addresses the needs of those working in a project-focused environment who want to be agile. Agile projects are characterised by highly self-empowered teams delivering products incrementally, with a focus on early delivery of real benefits to the business.

ABC Scrum Master   2022
Scrum is a framework for developing, delivering and sustaining complex products through effective team collaboration.

Microsoft Student Accelerator   2021
This workshop covered foundational topics as an introduction into web development. It covered HTML, CSS, and Javascript, Git, Typescript, creating and building upon a React web app