



FELICIA SUTANDIJO

SOFTWARE ENGINEER

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PROFILE

As a software engineer, I am passionate about problem-solving and creating impactful real-world solutions that prioritize accessibility, sustainability, and innovation. With experience in AI, web development, software engineering, and UI/UX, I thrive at the intersection of technology and human-centered design. I graduated *summa cum laude* from ITB and have a strong interest in interdisciplinary collaboration to drive meaningful change.

EDUCATION

INSTITUT TEKNOLOGI BANDUNG (ITB)

Bandung, Indonesia

Bachelor of Informatics Engineering (Computer Science)

Graduated January 2025

- GPA : 3.86/4.00 (*summa cum laude*)
- Bachelor thesis : WCAG-Based Context-Aware and Role-Aware Image Alt Text Generator AI for Websites
- Relevant courses : Software Engineering, Artificial Intelligence, Big Data Technology, IoT System Development, Algorithm & Data Structure, Computational Logic, Probability and Statistics, Big Data Technology
- ITB is ranked 1st in Indonesia for Informatics Engineering/Computer Science (THE WUR 2025).

UNIVERSITY OF TWENTE

Enschede, The Netherlands

Science to Society Minor

August 2023 - February 2024

- IISMA Full Scholarship Recipient (Nationwide Government-Funded Exchange Program)

EXPERIENCE

2024-PRESENT

SOFTWARE ENGINEER - Covenia

Jakarta, Indonesia

- Develops custom AI flows for enterprise, increasing sales by 800%.
- Works with clients and a multinational team to build products such as custom CRMs and dashboards, as well as web chatbots using Next, Typescript, Langgraph, Langchain, and Python.

2023

SOFTWARE ENGINEER INTERN - Socles

Bandung, Indonesia

- Built the Socles social media app with a multinational team using React Native and Next.

2022-2023

FRONT-END WEB DEVELOPER - Braga Technologies

Bandung, Indonesia

- Developed Braga Technologies' landing page and 4 other projects using React, Next, Tailwind CSS, Directus, URQL, and MapLibre.
- Achieved 1st page ranking on search engines for 10+ keywords using SEO techniques.
- Visualized over 1,000 GeoJSON data points into interactive maps using MapLibre.
- Crafted over 30 custom animated and reusable components with CSS and JavaScript.

2022

HEAD OF WEB DEVELOPMENT - Parade Wisuda April 2022

Bandung, Indonesia

- Directed and coached a team of 10 people from diverse backgrounds.
- Designed and created a university graduation website with 10 main features in collaboration with 5 divisions using Figma, React, Typescript, Vite, and Tailwind CSS.

2020-2021

DATA ANALYST INTERN - CoLearn

Jakarta, Indonesia

- Converted over 10,000 raw data to a machine-readable format.
- Worked in a multinational team to enhance machine learning accuracy by 200%.
- Initiated implementation of Google Sheets formulae, cutting down interns' task completion time from 2 days to 1 day.

PUBLICATIONS

2024

IOT-BASED CAT FEEDING DONATION SYSTEM WITH FORECASTING TECHNIQUE IMPLEMENTATION

DOI: [10.1109/ISPACS62486.2024.10868633](https://doi.org/10.1109/ISPACS62486.2024.10868633)

Conference: 2024 International Symposium on Intelligent Signal Processing and Communication Systems (ISPACS)

AWARDS

- 2024** **GARUDA HACKS 5.0 HACKATHON - 5TH WINNER**
Garuda Hacks (Southeast Asia's largest hackathon)
- 2021** **CAPTURE THE FLAG (CTF) COMPETITION JOINTS - FINALIST (TOP 15 TEAMS)**
Himakom FMIPA Universitas Gadjah Mada
- 2017** **COMPUTATIONAL AND ALGORITHMIC THINKING (CAT) - HIGH DISTINCTION (TOP 10%)**
Australian Mathematics Trust

PROJECTS

AYANA AI CHATBOT (<https://www.ayana.com/bali/>, scroll down to the end of the page, click on the chatbot icon in the bottom right corner) - Next, Tailwind CSS, Langchain, Langgraph

A chatbot for AYANA Resort and Spa Bali. This chatbot is designed to help customers book rooms, check availability, and answer frequently asked questions.

HYUNDAI E-KIOSK AND QUEUEING MANAGEMENT SYSTEM - React, Vite, Tailwind CSS, URQL

An automated self-service platform that enables customers to purchase Hyundai's automotive services via e-kiosks and subsequently receive a queue number displayed on a digital queuing management system.

JDIH KEMENTERIAN LUAR NEGERI REPUBLIK INDONESIA (jdih.kemlu.go.id) - Next, Tailwind CSS, Directus

A system providing access to legal documents and information on Indonesian policies and foreign relations.

Details and full portfolio may be accessed on <https://feliciasutandijo.my.id>.

SKILLS

- Programming : HTML, CSS, JavaScript, TypeScript, GraphQL, Node, Langchain, Golang, Python, Ruby, C, C++, Java, Kotlin, C#, PHP, Haskell
- Frameworks : Next, React, Vue, Nuxt, Svelte, React Native, Kotlin
- Design : Figma, Adobe Photoshop, PicsArt, Wondershare Filmora
- Languages : English (fluent), Indonesian (native), Japanese (elementary), Chinese (elementary)
- Others : SEO, Accessibility (WCAG 2.1), Git, PostHog, Maplibre, Directus, Scrum/Agile, Spreadsheet (Excel)

CERTIFICATIONS

- 2022** **CREATE AND MANAGE CLOUD RESOURCES – [show credentials](#)**
Google Cloud Skills Boost
- 2021** **NVIDIA DLI CERTIFICATE – GETTING STARTED WITH DEEP LEARNING – [show credentials](#)**
NVIDIA Deep Learning Institute

VOLUNTEER EXPERIENCE

- 2024** **IISMA SCHOLARSHIP AWARDEES MENTOR - IISMA AC**
- Recognized as one of the Top 50 Mentors based on performance and mentee satisfaction.
 - Mentored 17 IISMA awardees, preparing them for their studies abroad.
 - Provided resources and guidance on settling in, networking, academic success, and giving back.

ORGANIZATIONS

IISMA Alumni Club (EPT Funding Staff); Twente Indonesian Festival 2023 Committee (Head of Events Division); Japanese Culture Club UKJ ITB (ex-staff of communication and information technology); Glaciem Skating ITB (member); ITB Informatics Students Association (member)