

ARSIL NUGRAHA

Medan, Indonesia | [linkedin.com/in/arsilnugraha](https://www.linkedin.com/in/arsilnugraha) | +6281264188719 | nugrahaarsil@gmail.com

ABOUT ME

Graduated with a Bachelor's degree in Information Technology with a GPA of 3.72 out of 4.00 from Universitas Sumatera Utara. Several years of experience as a software developer, specializing in web development and machine learning. Awardee of the Beasiswa Unggulan Masyarakat Berprestasi from the Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia. Highly motivated individual eager to learn and grow in the field of Information Technology, with a strong ability to work both independently and as part of a team.

EXPERIENCES

Freelance Software Developer 2023 - Present

- Building custom web and software solutions for various local and international clients.
- Consulting on architectural decisions and technology stack based on client's business needs.

Web Developer at DPMPSTSP Medan Jan 2023 - Dec 2025

- Developed the official agency website and integrated digital service portals.
- Built an efficient queuing system to manage public integrated services (MPP).
- Implemented an investment mapping system to visualize and track regional investment data.

JTI IBM Tech Camp Sep 2022 - Nov 2022

Trainee - IT Services & IT Consultant

- Training in IT infrastructure (Docker, Kubernetes, OpenShift) and modern app development (Angular, Express JS).
- Learned basics of Blockchain technology, Cybersecurity fundamentals, and Mobile development with Kotlin.
- Final Project: Developed a COVID-19 X-ray image classification web application using machine learning.

Digitalent Kominfo Jul 2022 - Aug 2022

Database Design & Programming with SQL Trainee

- Learned foundational database design, implementation, and SQL programming for business solutions.

Politeknik Wilmar Bisnis Indonesia Nov 2021 - Feb 2022

Web Developer (Contract)

- Developed and maintained web applications using CodeIgniter and Laravel frameworks.

Information Technology Laboratory Group USU Sep 2019 - Jun 2020

Web Programming Teacher / Laboratory Assistant (Contract)

- Taught students HTML, CSS, JavaScript, PHP, version control (Git), and the MEAN stack.
- Guided students in completing assignments and projects through mentoring and group discussions.

PROJECTS

- **E-Commerce Web:** Online shopping platform using PHP.
- **Faculty Correspondence Application:** Management system using CodeIgniter.
- **Mapping Tourism System:** Visualization system for Lubukkertang Village, North Sumatera.
- **Parking System:** Automated management system using Java.
- **Twitter Scrapping Data:** Data extraction and analysis using Python.
- **Real Time Weather:** Prediction system utilizing APIs and MQTT.
- **Cataloging App:** Mobile book database search using React Native.

EDUCATION

Universitas Sumatera Utara

2017 - 2021

Bachelor of Information Technology | GPA: 3.72/4.00

- Final Project: Aspect-based sentiment analysis of car reviews using Python, PyTorch, and Flask.
- Served as class chief and mentor aiding 50+ junior students in lecturer's practical lessons.

SKILLS

Technical: Next.js, Supabase, Web Development, Machine Learning, Python, Flask, PHP, JavaScript, CodeIgniter, Laravel, REST API, React JS, Angular, Express JS, React Native, Git, SQL, Docker.

Professional: Analytical Skills, Problem Solving, Leadership, Teamwork, Communication (English).