Samuel Arya Permana

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I specialize in software development with hands-on experience. Actively exploring machine learning, Eager to contribute my skills, I am driven to excel in both academic and professional realms, seeking opportunities to apply my knowledge in innovative ways.

Experience

Software Quality Engineer Intern PT Bank Central Asia Tbk (BCA), Jakarta
Oct 2024 – March 2025

- Responsible for ensuring the quality of our web applications
- Testing frontend components built with Vue.js
- Testing backend services developed using Python and Django.

Backend Developer Langkah Kembang Anak Universitas Diponegoro, Semarang.
Jan 2024 – Jun 2024

- Developed the server-side components of the langkahkembang.com website using Laravel 10.
- Made significant contributions to the creation of databases using MySQL and Eloquent, thereby implementing robust data management systems.

Backend Developer PT. Sergap Data Dunia (Inkindo Website), Semarang.
Jan 2024 – Mar 2024

- Developed the server-side components of the Inkindo website using Laravel 10.
- Made significant contributions to the creation of databases using MySQL and Eloquent, thereby implementing robust data management systems.

Backend Developer Senat Mahasiswa Fakultas Hukum Universitas Diponegoro Website Project, Semarang
Des 2023 – Mar 2024

- Developed the server-side components of the SMFH Undip website using Laravel 10.
- Made significant contributions to the creation of databases using MySQL and Eloquent, thereby implementing robust data management systems.
- Made controllers and model for Website, Content Management System, and Transparency of Proposal Submission System

Machine Learning Developer CH2-PS281 Bangkit Capstone Team 2023 Batch 2
Sept 2023 – Des 2023

- Developed a fashion image recognition model utilizing TensorFlow.
- Created a fashion color theory algorithm using Python.
- Deployed the model using Flask and Docker.

Backend Developer Intern PT. Folka Teknologi Indonesia Folkatech, Bandung.
Aug 2023 - Oct 2023

- Develop DaaS (Developer as a Service) Platform server side
- Spearheaded the development of RESTful APIs using Nest JS, ensuring efficient and scalable backend solutions.
- Contributed significantly to the creation of databases utilizing MySQL and Sequelize, implementing robust data management systems.

Student Cohort Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka Machine Learning Cohort 2023 batch 2, Jakarta.

Aug 2023 – Jan 2024

- Learn machine learning using Python and TensorFlow

Computer and Programming Laboratory Assistant Computer Engineering Diponegoro University, Semarang.

Feb 2024 – Jun 2024

- Teaching Data Structures using C++, Java, PHP, and Python in Computer and Programming laboratories.

Co-Lead Google Developer Student Club Universitas Diponegoro, Semarang.

Sept 2023-Aug 2024

- Lead and organize Google Developer Club Universitas Diponegoro
- Host several technology workshop and mentoring.

Participant *Youth Economic Leadership Program Bank Indonesia Institute, Jakarta*

July 2022 - Jul 2022

- Completed intense training program in the fundamentals of design thinking, critical thinking, business development, and leadership

Liaison Officer 2022 *Social Welfare at Technology National Seminar , Semarang*

Jun 2022 – Aug 2022

- Established and maintained relationships with seminar informant and vendor

EDUCATION

B.S in Computer Engineering - *Diponegoro University, Semarang*   2021 - 2025 (Expected)

SKILLS

Intermediate in: Backend (Javascript, NodeJS, ExpressJS, Typescript, NestJS, Java, Springboot, PHP, Laravel, Python, Django)

Basic in: Machine Learning (Python, TensorFlow), Frontend (ReactJS, Vue), Mobile Development (Android Studio Java, Flutter)

Portofolio**:**

- https://samuelpermana.github.io/portofolio/
- https://github.com/samuelpermana
- https://www.instagram.com/samuelaryapermana/

HONORS & AWARDS

Business Concept of the Year 2023 *Erlangga National Business Concept Competition 2023 – Penerbit Erlangga*

Runner Up 2022 *Competition Of Developer 2022 - Amikom University*

Top 30 Teams 2022 *Youth Economic Leadership Programs - BI Institute*

Top 50 Teams 2022 *Indonesia Digital Tribe - BUMN Indonesia*

Top 100 Teams 2023 KT&G Sangsang University Startup School

Reguler Awardee 2023 *Central Bank of Indonesia Scholarship*

Unggulan Awardee 2024 *Central Bank of Indonesia Scholarship*