Muhammad Adistya Azhar

+62 813 2798 8997

adisazhar123@gmail.com

Summary

A hard working and intrigued 20 year old, very ambitious in software development. Currently interested in designs of Microservices and Software Architecture. I try to learn as much as I can to expand every corner of my self. I balance my academic and non-academic lifestyle well. In my spare time, I like to read philosophical books, update myself with new technology stacks and help peers out on Stackoverflow!

Github: github.com/adisazhar123

Stackoverflow: stackoverflow.com/users/8501960/adis

Education

Institut Teknologi Sepuluh Nopember
Bachelor's Degree

Surabaya, East Java
Enrolled August 2016

Bachelor's in Informatics, **GPA:** 3.68

Technical Experience

August 2017 - Present

Lecturer Assistant (2018 - present)

Object Oriented Programming – Desktop development using wxWidgets C++, **Web Based Programming** – Laravel development, and **Framework Based Programming** – Express JS development.

Ujian Sekolah Berbasis Nasional (2019)

Full stack developer developing an app to facilitate Junior High School exams in Surabaya, under the directions of *Dispendik Surabaya*.

Geomarine USV Tracker (2019)

System is being developed to monitor routes of an Autonomous Unmanned Ship Vehicle wirelessly via MQTT protocol.

ESP 8266 via Encrypted (AES 128) MQTT (2018)

Applied AES to web - microcontroller communication. Every data published on an MQTT topic is encrypted with different keys stored in Redis. Decryption is done on the ESP.

Pagelaran Mahasiswa Nasional TIK (Gemastik) 11 Information System (2018)

Web app to register, upload submissions, manage participants, and scoring system to support Gemastik event.

NLC Online 2018 Exam System (2018)

Implemented a web app for online exams, and a network infrastructure to support many concurrent users with in memory caching layer.

HireITS (2018)

A final project for my Web Based Programming course. It is a platform where employers and freelancers can deal on a project. It has a working payment system using Paypal's RestAPI.

Additional Experience and Awards

- **Recipient of Prestigious Scholarship** from Central Bank of Indonesia 2018 and **Generasi Baru Indonesia** Technological Staff
- **Senior Web Developer** Schematics 2018
- **Top Speakers** in Sekolah Tinggi Teknologi Angkatan Laut Debating Competition 2018 (Regional)
- **Finalist** of Ma Chung University Debating Competition 2018 (National)
- **Top Speakers** in KemenRistekDikti Kopertis VII National University Debating Championship 2018 (Regional)

Languages and Technologies

- C++, C#, Java, PHP, Javascript, Laravel, ASP Net Core, Express JS, Vue JS, Redis, MySQL, MongoDB, Arduino