Asrul Sani Ariesandy

Software Engineer

PROFILE

I'm a software engineer who has a high interest to develop capabilities in the field of Information and Technology, and always follow the development of the latest technology. I love working with combining hard work and smart work model, by developing several methods to solve problems more effective without spending much resource while maintain the quality of the product. Now, I am focused on Machine Learning and Backend Development / API.

CONTACT INFO

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Jl. Baraan Bokor RT 31/ RW 12
Desa Pagedangan, Kec. Turen,
Kab. Malang

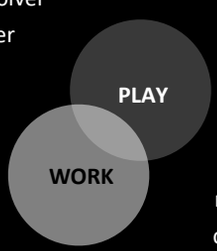
SOCIAL MEDIA

facebook.com/sijomblokaratan

twitter.com/asrulsibaoel

HOBBIES

problem solver
team player
effective
creative



reading
cooking
gaming
swimming

EXPERIENCES

RESEARCH ENGINEER

MACHINE LEARNING RESEARCH ENGINEER (JUN 2020 – FEB 2021)

Kata.ai

Successfully built Machine Learning System which focused in Natural Language Processing (NLP). Using Python as main programming language and machine learning tools such as MarianMT, NLTK, Numpy, Pytorch, Tensorflow and so on.

DATA ENGINEER

DATA ENGINEER (FEB 2019 – JUN 2020)

Kata.ai

Professionally built Data Pipeline System using various tools like Apache Kafka, Apache Spark, MySQL, Big Query, Cockroach DB, Cassandra, Apache Airflow and so on. Using Scala and Java as main programming language.

SOFTWARE ENGINEER

SOFTWARE ENGINEER (OCT 2017 – FEB 2019)

Kata.ai

Professionally designed and maintain the microservice architecture using Typescript as main programming language. Adopted various technology to the system such as Merapi Framework, RabbitMQ, Redis, Google Cloud VMs, etc.

BACKEND ENGINEER

SOFTWARE ENGINEER (OCT 2017 – FEB 2019)

Cekstok.com (Dignot)

Professionally designed and maintain the microservice architecture using Javascript and PHP as main programming languages. Adopted various technologies to the system such as Express and Laravel, MongoDB, RabbitMQ, Redis, etc.

ANDROID DEVELOPER

ANDROID DEVELOPER (OCT 2017 – FEB 2019)

Rimbunesia

Professionally built Android Apps using various technologies such as Java, Dagger, Retrofit and so on.

PROGRAMMER

SOFTWARE ENGINEER (OCT 2017 – FEB 2019)

Landa Systems

Successfully built various web-based applications like ERP, Hotel Management Systems, School Company Profiles and so on. Using PHP as the main programming language. Also using various technologies such as Yii Framework, MySQL/ MariaDB and AngularJs.

EDUCATION

STIKI MALANG

BACHELOR OF COMPUTER SCIENCE (JUL 2016 - PRESENT)

A Student of STIKI Malang which have some achievements like National Finalist of Android App Development in 2017, Speaker of International Workshop in Penang, Malaysia. also have 3.5 GPA.

STT MALANG

DIPLOMA 1 OF COMPUTER SCIENCE (JUL 2013 - JUN 2014)

Graduated with 3.7 GPA and also have achievements in various student competitions like game programming.

SMAN 1 TUREN

SOCIAL SCIENCE STUDENT (JUL 2010 - JUN 2013)

Graduated and deserve the title as the best social science student.

SMPN 1 TUREN

STUDENT (JUL 2007 - JUN 2010)

Graduated with 8.3 average of point.

SDN TUREN 04

STUDENT (JUL 2001 - JUN 2007)

Graduated with 7.9 average of point.

CERTIFICATES

Machine Learning

Machine Learning with Python by IBM (2021)

Issue Link
https://www.youracclaim.com/badges/06ba36d1-1bda-4846-bc9b-0188b08b3022/public_url

Ethical Hacking

Ethical Hacking Fundamentals by EC-COUNCIL (2019)

Certification number: ECC9480163527

Scala

Scala 101 from Cognitiveclass.ai (2018)

Issue Link:
https://courses.cognitiveclass.ai/certificates/2409beb0dc9849998ac24633d1326605

Hadoop

Hadoop 101 from IBM (2017)

Issue Link:
https://www.youracclaim.com/badges/0247e9ca-085f-4c80- a813-e07bca3b95b0

SKILLS

Data Science & Machine Learning

- Numpy & Pandas
- Tensorflow/ Keras
- Pytorch
- Jupyter
- MarianMT

Software Engineering

- Python
- Typescript & JS
- PHP
- Java
- Scala

Data & Infra Engineering

- Apache Airflow & Beam
- Google BigQuery
- Streamsets Datacollector
- Postgresql
- Apache Beam

Data & Infra Engineering

- RabbitMQ & Kafka
- GCP & AWS EC2
- Redis
- MongoDB
- Git