

ARJUN SUMARLAN



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As a seasoned CTO and Co-Founder with extensive experience in software engineering, I've led multiple ventures, overseeing the development and deployment of cutting-edge technology. My collaborative approach with cross-functional teams ensures alignment with user and stakeholder needs. Affiliated with global venture capital firms Antler and Iterative, I have access to influential mentors and investors, highlighting my commitment to leveraging technology for positive social impact. Eager to explore new ideas and challenges across various ventures to enhance lives.

Education

Institut Teknologi Bandung

Engineering Physics, Faculty of Industrial Technology, 2014–2019
GPA 3.38, Research on Nano Material Field : "Nano-encapsulated PEG 1000 and PEG 6000 as the phase change material to be applied on cotton fabrics"

Computer Skills

Strong Language :
JavaScript, TypeScript

Other Language :
Java, Ruby on Rails, Python, Dart, Golang

Library & Framework :

React	React Native	Express	PostgreSQL
Angular	Flutter	NestJS	MySQL
	Kotlin	Bull	MongoDB
		GraphQL	Google Cloud Platform
		TypeORM	Amazon Web Services
		VM2	Apache Kafka
			Redis
			OpenAI
			Pinecone

Languages

Native : Indonesia
Intermediate : English

Project

TypeORM Query Builder

Easy Wrapper for TypeORM Query Builder, [Open Source](https://www.npmjs.com/package/typeorm-query-builder-wrapper)
<https://www.npmjs.com/package/typeorm-query-builder-wrapper>
2020

Web app to analyst uploaded document, generate document, compare two document, and give advice for user using AI (LLM)

GenAI Hackathon held by Alibaba Cloud, [Open Source](https://github.com/arjunsumarlan/document-analyst-generative-edit)
<https://github.com/arjunsumarlan/document-analyst-generative-edit>
2023

AI Whatsapp Bot

Whatsapp bot powered by AI for Healthcare (Speech to Text, Text to Speech, Image & Pdf recognition, etc)
Local
2023

Experiences

Qalboo

Founder, CTO, Mar 2022 - Present

Qalboo is a company that provide Islamic mental health app, backed by VC (Antler & Iterative).

- Lead tech team to develop and maintain their product using all tool and technology needed.
- Tech Stacks that we use are : NodeJS, NestJS, NextJS, ReactJS, React Native, TailwindCSS, TypeScript, Firebase, Google Cloud, BullJS, Kafka, MongoDB, OpenAI, LangchainJS, and many more.

Sicepat Ekspres Indonesia

Tech Lead, July 2020 – July 2022 (2 years)

SiCepat is a company that provide *Delivery service*

- Lead a squad to provide Billing System for the company.
- Develop & maintain several Web Apps using Golang, NodeJS, NestJS, ReactJS, Kafka, TypeScript, Bull, Redis, PostgreSQL, MongoDB, Docker, Kubernetes, etc. I also develop several libraries, techniques and also open-source to solve their problem.

Hacktiv8

Fullstack Javascript Instructor, March - Apr 2020 (2 months)

Hacktiv8 is a company that provide programing bootcamp

Teaching Materials

- Basics and Fundamentals of Javascript
- Server Development using NodeJS, Redis, and MongoDB
- Front End Development using React, React Native, Redux, and GraphQL
- Basic Microservices Architecture & Docker
- Deployment using Firebase, Heroku and AWS

Tingkat.id

Founder, CTO, Dec 2019 - Nov 2020 (1 year)

Tingkat.id is a company that provide *Super Test platform*

- Lead tech team to develop and maintain their product using all tool and technology needed

Wizy

Tech Lead, Jun - Dec 2019 (6 months)

Wizy is a company that doing research and product development in *Food & Beverage*.

- Lead tech team to develop and maintain their product using all tool and technology needed

Ihsan Solusi Informatika

Mobile Developer, Nov 2018 – May 2019 (6 months)

Ihsan Solusi Informatika is a company that doing research and product development in *Banking Services*.

- Developed several mobile banking apps for their clients using React Native

Kinnara Digital Studio

Full-stack Software Engineer, May - Nov 2018 (6 months)

Kecak Workflow is open source *Business Process Management software* which is packed with Web Application Engine to provide bundled solution for workflow application

- Developed web based application using Kecak Workflow
- Developed Kecak Workflow Mobile App using React Native
- Developed API plugins for Kecak Workflow Mobile App using Java