Alexander Manuel Sumolang
Software Engineer

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EXPERIENCES

Tomorrow 's Education (haftungsbeschränkt) / Software Engineer
November 2020 – Present, Berlin

- Building Web Application with React JS, NextJS, GraphQL, TypeScript, DynamoDB.
- Data Engineer from AWS to BigQuery and visualize using Data Studio.
- Slackbot to notify student using AWS Lambda.
- Increase efficiency in DynamoDB query from 157 of consumed capacity to only 2
- Help building automation for another department

Google Developers / Developer Student Clubs Lead
September 2019 – September 2020, Bandung

- Orchestrated vision, mission, core values, OKRs, and code of the conducts of the community.
- Gathered 7 people for core teams and led 80+ active members.
- Organized 4 weekly hand's on workshop consist of Android, Front-End, Back-End, and Machine Learning classes.
- Mentored Machine learning beginner course and intermediate course using Explore-ML curriculum from Google Developers. With more than 20 participants pass from the ML certification.
- Orchestrated the first online collaboration of all DSC Lead in Indonesia.

PT. Barless Darya Aguna Barikan / Project Manager
June – July & September - November 2019, Bandung

- Purposed and created a web app with trello look alike and Instagram like feature that suitable to Barless business models.
- Gather and led 3 developers consist of 2 Back-End Developer and 1 Front End Developer
- Tracked the progress and gave updates to Barless' CEO

Funder App / Product Manager
February 2019 – February 2020, Bandung

- Orchestrated idea validation using javelin board for two types of customers for Funder.
- Developed team bonding sessions to boost team's spirit
- Led and facilitated design sprint
- Designed user interface and made a clickable prototype.

Legok Kondang / Front End Developer
December 2017 - February 2018, Bandung

- Joined a team in UNIKOM Codelabs consist of 2 front-end developer and 3 back-end developer.
- Designed and developed user interface that mobile friendly and integrated it to Laravel.

EDUCATION

Universitas Komputer Indonesia / Informatics Engineering
September 2016 – September 2020, Bandung

- GPA: 3.91 out of 4.0 (Highest GPA in the faculty)

SKILLS

Programming: Python, JavaScript, ReactJS, NextJS, Material-UI, AntDesign, Framer Motion, NodeJS, SQL, PyTorch, GraphQL, TensorFlow 1.15, TensorFlow 2.x, Google Cloud Platform. AWS Lambda, AWS Kinesis Data Firehose, AWS DynamoDB, AWS CDK

Product: Design Sprint, Scrum, A/B Testing, Data Analysis.

Design & Art: Wireframes & mock ups with Figma and Illustrator, Photography, Photoshop, After Effects.

Leadership & Collaboration: People person, Serving, Event organizer, Relationship Building, Mentoring.

ACHIEVEMENTS

- Received notable award from Google Developers as Top South East Asia DSC Leads.
- Invited as speaker in online event organized by Ministry of Education and Culture Indonesia, representing Google Indonesia.
- Participant of Google Global Solution Challenge.

CERTIFICATES

Machine Learning with TensorFlow on Google Cloud Platform Specialization: A bundled of five separate courses provided by Coursera that teaches how to incorporate the right mix of parameters that yields accurate, generalized models and knowledge of the theory to solve specific types of ML problems.

Modernizing Data Lakes and Data Warehouses with GCP: This course highlights use-cases for each type of storage and dives into the available data lake and warehouse solutions on Google Cloud Platform in technical detail.

Belajar Machine Learning untuk Pemula: Online course provided by Dicoding Academy that teaches basic introduction to machine learning.

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