

I Komang Sena Aji Buwana

FULL-STACK ENGINEER · TECH LEAD

Central Jakarta, Indonesia

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Work Experience

PT Bank Danamon Tbk. (D-Bank PRO)

Central Jakarta, Indonesia

SENIOR SOFTWARE ENGINEER

Jun. 2023 — Present

- Develop back-end applications with Node.js and PostgreSQL and front-end applications with Angular, React, and Apache Cordova
- Developed and released new Cash-out via partner feature in D-Bank PRO
- Initialized and released new Backoffice app based on Strapi and enhance marketing contents on the app to be dynamic
- Initialized new feature of Gold Saving investment in DBank-PRO
- Designed the end-to-end architecture for the new Backoffice app for DBank-PRO
- Initialized code lint and unit testing in front-end and back-end repositories
- Integrated native C++ library to Android app and Apache Cordova plugin with Angular source code

PT Bank BTPN Tbk. (Jenius)

South Jakarta, Indonesia

TECHNICAL LEAD

Jul. 2021 — Jun. 2023

- Bank BTPN is the company behind Jenius, the first digital banking app in Indonesia with approximately 5 million users and 40 features. I was trusted to manage a team of 18 developers, 12 quality assurances, and 2 quality engineers.
- Responsible for starting and designing the architecture of wealth management features in Jenius.
- Managed the team and collaborated with other organizations in the company to successfully release new features (investment, priority banking, insurance) in Jenius.
- Published developer guides of front-end coding conventions in Jenius.
- Collaborated with R&D and developed internal libraries to implement distributed GraphQL architecture across microservices.
- Collaborated with an international partner for new integration and migration in Jenius and Sinaya in BTPN.

FULL-STACK ENGINEER

Oct. 2019 — Jun. 2021

- Designed architecture and developed full experiences for priority banking feature using React Native, Express.js, MongoDB, Apache Kafka, and Redis.
- Developed UI/UX components based on atomic design for Jenius front-end revamp with React Native.
- Developed Backoffice web app with ReactJS.
- Fixed vulnerability in Jenius app using React Native and native app development using Android Java and iOS Swift

FitHappy

Central Jakarta, Indonesia

SENIOR FRONT-END DEVELOPER (PART-TIME)

Apr. 2022 — Sep. 2022

FitHappy is a behavioral & medical-based wellness startup backed by a top VC in Southeast Asia. We help people to live healthier, lose weight, and solve chronic problems for good with digital habit-oriented program. As a senior engineer, I initiate the front-end development best practices, code convention, and architectural patterns for the legacy codebase. I also initiate the first release of FitHappy iOS app.

EduLens

Bandung, Indonesia

CO-FOUNDER

May 2018 - Sep. 2019

EduLens is a school management system app which digitalized school, parents, and teachers connections. We also help students to prepare for university admissions with our services. It received funding from campus through LPIK ITB and PMW ITB, also from Kemristekdikti through PKMI.

Freelance

Remote

WEB AND MOBILE DEVELOPER

May 2018 — Sep. 2019

- Received projects from local and international clients:
- Vessel Acceptance Modelling for Pertamina, Tanjung Sekong Terminal
- Social travel app for Piknik - Pitravelers
- Sales tracking app with GPS and camera functionality for Keboen23.com - Ixitask app
- Sales billing app with thermal printer functionality for Keboen23.com - Ixitask app
- A custom-made point-of-sale app for Lazise Catering, Sweden
- Publisher consultation app for Stanton Publishing House

Honors & Awards

INTERNATIONAL AWARDS

2021	2nd Place , AWS ASEAN AI/ML GameDay	Online
2020	Finalist , DEFCON 28th CTF Hacking Competition World Final	Las Vegas, U.S.A
2018	Finalist , DEFCON 26th CTF Hacking Competition World Final	Las Vegas, U.S.A
2017	Finalist , DEFCON 25th CTF Hacking Competition World Final	Las Vegas, U.S.A
2014	Finalist , DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	Finalist , DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	Finalist , DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A

DOMESTIC AWARDS

2021	2nd Place , AWS Korea GameDay	Seoul, S.Korea
2015	3rd Place , WITHCON Hacking Competition Final	Seoul, S.Korea
2017	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea

COMMUNITY

2022	AWS Community Builder (Container) , Amazon Web Services (AWS)
2022	HashiCorp Ambassador , HashiCorp

Certificates

2022	AWS Certified Security - Specialty , Amazon Web Services (AWS)
2022	AWS Certified Solutions Architect – Professional , Amazon Web Services (AWS)
2019	AWS Certified Solutions Architect – Associate , Amazon Web Services (AWS)
2021	AWS Certified SysOps Administrator – Associate , Amazon Web Services (AWS)
2020	Certified Kubernetes Application Developer (CKAD) , The Linux Foundation
2020	HashiCorp Certified: Terraform Associate , HashiCorp

Education

POSTECH(Pohang University of Science and Technology)

B.S. IN COMPUTER SCIENCE AND ENGINEERING

Pohang, S.Korea

Mar. 2010 - Aug. 2017

- Got a Chun Shin-Il Scholarship which is given to promising students in CSE Dept.