Ardian Bahtiarsyah, Software Engineer

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LINKS

Personal Blog, LinkedIn, ProductHunt, GitHub

PROFILE

Highly seasoned software engineer with over a decade of experience, proficient in product inception and launch, possessing valuable technical prowess.

Demonstrated leadership as an engineering manager, enhancing adeptness in people management within the software development domain.

EMPLOYMENT HISTORY

Jun 2023 — Present

Senior Fullstack Engineer, BetaMind. Inc,
Japan / Remote

At BetaMind, I spearhead VidBase, a B2B SaaS marketing automation tool interfacing with Salesforce and Marketo.

Key roles:

Architecting, developing, and deploying new features, collaborating with tech leads, and conducting technical assessments for recruitment.

Achievements:

- Pioneered webinar feature in just 2 months, enhancing live streaming capabilities.
- Optimized engineer hiring process with precise metrics for better outcomes.

Tech Stack: TypeScript, Cloud Functions, Google Firestore, Supabase

Apr 2021 — Apr 2023

Engineering Manager, Quipper Ltd.
Jakarta, Remote

Quipper is an education technology company that provides e-learning, coaching, tutoring, and assessment services for K-12 students in Japan, Indonesia, and the Philippines.

Responsibilities:

- Collaborate with the product managers and stakeholders to ensure the development is meet the standards of delivery.
- Facilitate sprint cadences with all team members involved.
- Measure the product's KPIs to meet the baseline.
- Supervise engineers working in Quipper Video business unit, then Recommendation and Campus Squad. Ensure team members' growth.

Direct report to VP of Engineering

Achievements:

- Spearheaded topic recommendation enhancements resulting in a significant 190% surge in click-through rate.
- Improved search functionalities resulting in an impressive 140% surge in click-through rate.
- Achieved an unprecedented 800% increase in student learning time through strategic features improvements.
- Achieved a significant improvement in cycle time, reducing the average time from development and testing to deployment to below 3 working days.
- Consistently exceeded expectations by maintaining a delivery rate above 90% on average.
- Successfully increased test coverage from 30% to 80% on average, with some features owned by the team achieving 100% test coverage.
- Consistently met and exceeded industry standards by maintaining an error rate of the product below 0.1%, surpassing the Service Level Objective of 99.9%.

Oct 2020 — Mar 2021

Lead Software Engineer, Quipper Ltd.
Jakarta, Remote

Responsibilities:

- Leading the Quipper Video team to deliver product features.
- Coordinate tasks among the Quipper Video team members.
- Analyze data and track metrics of the features that are owned by the Quipper Video team.
- Maintain technical documentation for Quipper Video features.

Achievements:

- Successfully led the launch of the most demanded feature in Quipper Video business unit, Video & Quiz Search. This increased the student's learning time by 300%.
- Improved content discovery by 80% with an accurate search function using Elastic Search.
- Introduced Golang to the Quipper Video team and implemented it for the Topic Recommendation service and Student Statistics service.

Tech Stack: Golang, Ruby, ReactJS with Typescript, PostgreSQL, MongoDB, BigQuery, Firebase, ElasticSearch, Embulk for data pipeline, Kubernetes

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Jan 2020 — Sep 2020

Senior Software Engineer, Quipper Ltd.
Jakarta, Remote

Responsibilities:

- Maintain and improve on common core features (features that are leveraged by services. e.g: user account management, video chapters, quizzes, etc).
- Maintain and improve API integrity (e.g: define modularization architecture strategy, API structure, etc).
- Ensure interoperability between services.

Achievements:

- Introduced event-driven architecture on the subscription synchronization using Google Pubsub, this is to be expected to decrease the data discrepancies by 100% on the payment information received.
- Developed and deployed a personalized campaign as an individual contributor, successfully delivering a tailored experience to customers.
- Developed and deployed a "Let's Learn Again" as an individual contributor, providing a valuable learning experience to users.

Tech Stack: Ruby, ReactJS with Typescript, MongoDB, BigQuery, Jenkins, Kubernetes

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Dec 2017 — Jan 2022

Software Engineer & Founder, Apisentris
Pekalongan, Remote

Apisentris is a platform that converts any databases to RESTful APIs. Apisentris is a weekend project and a solo journey. This is also proof that I have a big commitment to something I have an interest in.

Responsibilities and Achievements:

- Successfully founded and launched Apisentris from scratch as MVP features.
- Achieving a top rank of 11th on Product Hunt on the day of its second iteration. https://www.producthunt.com/products/apisentris#apisentris-2. This was a major accomplishment as it was the first time I brought my own product to the market.
- Secured the Apisentris' first paying customer from an international user, effectively demonstrating my ability to wear multiple hats and excel from software engineering to customer success.
- Now Apisentris is on autopilot and pays the infra cost by itself.

Tech Stack: Ruby on Rails, PostgreSQL, Docker, Nginx

Mar 2017 — Dec 2019

Senior Software Engineer, Forstok
Jakarta, Hybrid

Forstok is a cloud-based, channel management platform that automates multi-channel retail business to boost sales.

Responsibilities:

- One of the founding members ensures the development meets the business requirements.
- Research and development on Indonesia's marketplace API integration.
- Develop public API and maintain technical documentation.

Achievements:

- Reduced the marketplace API integration time by 75%, from 2 months to 2 weeks through the unification of the logic using a code generator.
- Successfully integrated 7 major marketplaces and e-commerce in Indonesia during tenure.

Tech Stack: Ruby, Elastic Beanstalk, Aurora PostgreSQL

May 2014 — Feb 2017

Senior Software Engineer, Qivtech
Bandung, Remote

Qivtech is a software development agency in Bandung.

Responsibilities:

- Develop web applications based on client's requirements.
- Ensure the scope of the feature is within the time frame and budget.

- Work closely and collaborate with team members to ensure the development is meet the best practices.
- Report directly to Chief Technology Officer.

Achievements:

- 100% successful client projects and zero contract termination.

Tech Stack: NodeJS, Ruby, AngularJS, PostgreSQL, CSS Bootstrap, Linux, Nginx

Jan 2015 — Feb 2017	### Software Engineer, Phybbit	Tokyo, Remote

Phybbit is a software development agency in Tokyo, Japan.

Responsibilities:

- Develop web applications based on client's requirements.
- Collaborate with multi-national team members to ensure the development uses the best practices.
- Report directly to Chief Technology Officer.

Tech Stack: Ruby, NodeJS, PostgreSQL, AngularJS, AWS EC2, Hubot

Jan 2014 — Feb 2017	### Software Engineer, Madain	Pekalongan, Remote

Madain is a software development agency that I founded with my software engineer colleagues.

Responsibilities:

- Ensure the client requirements meet the resource allocation and budget.
- Develop web and mobile applications based on the client's requirements.

Achievements:

- Zero contract termination.
- 90% of projects were delivered before the deadline.

Nov 2012 — Apr 2014	### Software Engineer, Walden Global Service, PT	Bandung

Responsibilities:

- Responsible for designing, coding, and modifying websites, from layout to function and according to a client's specifications.

Achievements:

- Handled 20+ web projects during my 1.5 years of tenure with various tech stack and difficulties.

PORTFOLIO

Apisentris
https://apisentris.com

Launched on Product Hunt:
https://www.producthunt.com/products/apisentris#apisentris-2

Tech Stack: Ruby, PostgreSQL, Docker, Nginx

Speeech
https://speeech.app

This is work in progress weekends project. Speeech is a mobile application that helps the user to learn on how to pronounce English words with AI.

Tech Stack: NodeJS, Flutter, Microsoft Azure Text-to-Speech API, PostgreSQL

SKILLS

JavaScript	BigQuery
NodeJS	Firebase
Ruby	Git
Golang	Docker
Rust	Kubernetes
ReactJS	Envoy
SQL	Managing People
NoSQL	Agile Software Development

COURSES

Mar 2022 — Mar 2022　　**High Performing Manager, Top Coach Indonesia**

LANGUAGES

English	Good working knowledge	**Indonesian**	Native speaker

EDUCATION

Apr 2008 — Mar 2012　　**Bachelor Degree, Universitas Dian Nuswantoro**　　Semarang

Bachelor of Computer Science

Honors: cum laude (GPA 3.64 / 4.00)