# Ardian Bahtiarsyah, Software Engineer

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**LINKS**

Personal Blog, LinkedIn, ProductHunt, GitHub

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**PROFILE**

As an experienced software engineer with over 10 years of experience and a strong desire to build and create, I have successfully founded and launched some products from the ground up, which have provided me with not only valuable technical expertise but also a unique perspective on business operations.

I am also currently serving as an engineering manager to expand my people management skills within the software development industry.

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## EMPLOYMENT HISTORY

**Dec 2017 — Present**

### 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

**Apr 2021 — Present**

### 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 and ensure team members' growth.
- Direct report to VP of Engineering

**Achievements:**

- Achieved a significant improvement in cycle time, reducing the average time from development and testing to deployment to below 3 working days, where previously it had not been measured.
- Consistently exceeded expectations by maintaining a delivery rate above 90% on average, which was previously not measured.
- 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

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

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.

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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

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SKILLS

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

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COURSES

Mar 2022 — Mar 2022

### High Performing Manager, Top Coach Indonesia

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LANGUAGES

English — Good working knowledge      Indonesian — Native speaker

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EDUCATION

Apr 2008 — Mar 2012

### Bachelor Degree, Universitas Dian Nuswantoro

Semarang

Bachelor of Computer Science

Honors: cum laude (GPA 3.64 / 4.00)