

# Sandi Sunandar

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Hi, I'm Software Engineer with 9 years of experience in Backend development and team leadership across tech startups, corporate, and government sectors. Proficient in Node.js, PHP, and Golang, with additional experience as a freelance Data Analyst. In the past two years, I have transitioned into an Engineering Manager role, focusing on team development, technical strategy, and system scalability. Passionate about building high-performance, scalable applications and mentoring engineering teams.

## Personal Details

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**Birth Date:** 1991-09-02

## Work Experience

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### Engineering Manager

Jabar Digital Service-Bandung

March 2022 to Present

Job Description :

building collaboration between teams and coordinating with stakeholders in government. creating metrics on applications as a basis for sustainable application development

responsibilities as Engineering Manager :

- Performed coaching of developers joining the team, doing frequent pair and mob programming sessions, while working with senior engineers to define roadmaps and feature priorities..
- Manage day-to-day operations, including code reviews, sprint planning, and project management.
- Work closely with Product and Design teams to develop and prioritize product roadmaps.
- Implement and maintain engineering best practices, including automated testing, code quality standards, and design patterns.
- Collaborate with cross-functional teams, to ensure alignment on product strategy and execution.

### Sr. Backend engineer

Jabar Digital Service-Bandung

June 2020 to March 2022

Job Description :

Helped modernize West Java government services by implementing data-driven technology solutions to enhance public service efficiency and accuracy. Led the development of innovative software applications to streamline operations and improve citizen engagement.

Responsibilities as Senior Backend Engineer:

- Led the backend development team, mentoring junior engineers and ensuring best practices in software engineering.
- Collaborated with cross-functional teams (frontend, DevOps, product managers) to define system requirements and integrations.
- Designed and implemented scalable, high-performance backend architectures for government services.
- Ensured code quality and security by establishing rigorous code review processes and enforcing best practices.

- Conducted advanced system architecture analysis to optimize performance, scalability, and reliability.
- Researched, evaluated, and integrated new technologies to enhance system capabilities and future-proof applications.
- Managed cloud infrastructure, deployment strategies, and CI/CD pipelines for efficient software delivery.

## **Jr. Backend Engineer**

Jabar Digital Service-Bandung

October 2019 to June 2020

Job Description :

create innovation with technology as specialty backend engineer. make government apps better and efficient.

Key Backend Responsibilities :

- Developed software following best practice architecture and open-source principles
- Built crowdsourcing applications for surveys and assessments
- Provided REST APIs for frontend teams
- Explored and implemented new technology stacks
- Collaborated with other teams to enhance software and drive innovation

## **Data Analyst**

PT. Telekomunikasi Indonesia Tbk-Jakarta

August 2018 to September 2019

Job Description :

create report and data visualization for decision business at Telkom Indonesia for product Indihome internet service.

Responsibilities as Data Analyst :

- Collecting and interpreting data
- Analyzing results
- Reporting the results back to the relevant members of the business
- Identifying patterns and trends in data sets
- Working alongside teams within the business or the management team to establish business needs
- Defining new data collection and analysis processes

## **Data and Operation**

PT. Infomedia Nusantara by Telkom Indonesia-Jakarta

September 2017 to August 2018

Job description :

Building data pipelines and monitoring data streams from regional to data centers for consumption by data analyst teams.

Responsibility as Data and Operation :

- Develop Pipeline data using Hitachi Pentaho Data Integration
- Integrated data with oracle database tool
- Create query data and make bash script for running at cron job

## **Web Developer**

PT. Tech Mayantara Asia-Bandung

March 2016 to August 2018

Job description :

building web apps with fullstack roles

Responsibility as Web Developer :

- Develop, test, and maintain websites and web applications.
- Write clean, efficient, and scalable code using HTML, CSS, JavaScript, PHP and frameworks like Laravel or Mevn.
- Ensure websites are optimized for speed, performance, and SEO.
- Debug and troubleshoot technical issues.

## Education

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### **Bachelor in Computer science**

Indonesia Computer University - Bandung, West Java

June 2011 to October 2016

## Skills

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- Leadership
- Data Analyst
- Backend Engineer
- Web Developer
- Data Operation
- Fullstack Developers (2 years)
- Software Project Management