MUHAMAD GUNAWAN

BACKEND | SENIOR TECHNICAL WRITER | ENGINEER COMPUTER

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- BOGOR, JAWA BARAT
- MUHAMMAD GUNAWAN GITHUB

Objective

Experienced IT professional with over 8 years of combined experience in backend development, technical documentation (SRS, BRD, user manuals), and IT project coordination. Adept at translating business requirements into clear and actionable documentation, supporting development teams with structured insights, and facilitating communication between stakeholders and technical teams. Looking to leverage my technical background in Java (Spring Boot) and system analysis to contribute as a BRD Assistant, ensuring business needs are accurately captured and translated into system specifications.

TECHNICAL SKILLS

- **Languages/Frameworks:** Java (Spring Boot), JavaScript, Bootstrap, React (Basic), Docusaurus
- **Databases:** SQL Server, PostgreSQL, MySQL
- **Tools:** Git, Postman, IntelliJ, VS Code, Azure DevOps
- **Concepts:** REST API, MVC Architecture, Agile/Scrum, Unit Testing (JUnit),
- **Documentation:** BRD, SRS, User Manuals, Flowcharts, Infrastructure Diagram
- **Design**: Adobe Photoshop, Adobe Illustrator

Portofolio

Online Store Backend API
08 Juli 2025 – 27 Juli 2025

Project Description:
Developed a RESTful backend API for an e-commerce platform, supporting secure role-based access for administrators and users.
Key Features:

- **Authentication & Authorization**: Implemented login/register with JWT and role-based access (Admin/User).
- **Product Management**: Admin can perform full CRUD operations for products.
- **User Payments**: Simulated payment processing for user transactions.
- **Database**: Integrated with SQL Server using Spring Data JPA.
- **Security**: Built-in token-based authentication and secure API endpoints.

Project Highlights:

- Designed and implemented modular architecture using Spring Boot best practices.
- Applied role-based access control (RBAC) to separate admin and user functionalities.
- Strengthened backend development skills and database integration using SQL Server.

Library Management System (Spring Boot + H2)
16 Juni 2025 – 1 Juli 2025

- Developed a CRUD system for managing books, authors, and users with role-based access (Admin/User).
- Implemented login/logout with Spring Security and pagination.
- Built using Thymeleaf and Bootstarp for UI, tested using Postman and manual testing.

Professional Project

ERP ADFood (PT. Fungsitama Cipta Teknologi)
01 January 2025 – 30 July 2025

- Created user manuals and performed QA testing for an ERP system.
- Documented bugs and participated in system analysis meetings.

Project Coordinator / Project Manager — Bank Indonesia
25 February 2023 – 30 April 2024

- Supervised and ensured the implementation of the *Modern Office* project was executed according to plan.
- Coordinated with internal and external teams on both technical and administrative matters.
- Prepared project progress reports, developed timelines, and conducted risk mitigation.
- Supported the procurement process by drafting purchase memos and requesting quotations from vendors.

Bank Indonesia Data Exchange Project
27 Mei 2021 – 27 October 2021

- Authored SRS, user manuals, and data workflow diagrams for national-level systems.
- Collaborated with developers and auditors during implementation.

Bank Indonesia Project Existing Hutang Luar Negri (SIUL)
1 january 2021 – 1 Desember 2021

- Created and revised the **Software Requirements Specification (SRS)** documents for the *SIUL* project
- Collaborated with stakeholders to ensure the requirements were aligned with business needs and technical feasibility
- Improved the clarity and structure of existing documentation to support system development and UAT processes

IT Project Coordinator — PT. Energi Jaring Komunikasi
16 June 2019 – 1 July 2019

- Coordinated the implementation of the SAM e-KTP card project for Dukcapil
- Managed the procurement and installation of server racks and card printers
- Ensured infrastructure readiness to support card issuance and data security compliance
- Acted as liaison between internal teams, vendors, and government stakeholders

Editor & Graphic Designer – PT. Energi Jaring Komunikasi
16 October 2019 – 16 November 2019

- Acted as editor and layout designer for the Anak Sehat booklet project
- Revised, formatted, and prepared final print-ready materials using Adobe Photoshop and Adobe Illustrator
- Ensured visual consistency and clarity of health campaign content
- Collaborated with project teams to align design with communication goals

PROFESSIONAL EXPERIENCE

01/2025 – 06/2025	**Technical Writer** PT. Fungsitama Cipta Teknologi **main responsibilities under**

- Prepared comprehensive user manuals using Docusaurus.
- Conducted manual testing and collaborated with developers to identify bugs.
- Participated in requirement-gathering meetings with clients.

09/2024 – 12/2024	**Technical Writer** Akulaku x PT.Guna Global Persada (Base on Project) **main responsibilities under**

- Created SRS documents based on BRD.
- Developed SIT documentation and infrastructure flow diagrams.

12/2020 – 04/2024	**Technical Writer | Procurement Staff | Project Coordinator** Bank Indonesia (Under Vendor) **main responsibilities under**

- Edited SRS, BRD, and MoM; developed documentation for national-level systems.
- Led timeline development, tracked project progress, and conducted meetings.

- Managed procurement needs and coordinated with vendors and stakeholders.

09/2019 – 09/2020 **Technical Writer/Editor**
PT. Energi Jaring Komunikasi
main responsibilities under

- Create a company profile document for application procurement purposes.
- Develop a manual document outlining application requirements to meet user needs.
- Monitor the progress of ongoing application development.
- Redesign the user guide to better align with user needs.

12/2017 – 07/2019 **IT Support/ Field Technician**
PT. Jaring Solusi Aplikasi
main responsibilities under

- Provide hardware installation services and perform testing on hardware installed by the user.
- Conduct regular device maintenance and create reports related to office hardware.
- Monitor the running system to ensure uninterrupted transactions.

12/2017 – 07/2019 **Operator Warnet/Admin/(Owner)**
Opang Computers
main responsibilities under

- Maintain cleanliness to ensure visitors can play comfortably.
- Perform hardware maintenance in case of damage to client computers.
- Provide support services to users for issues on client computers and offer typing services.
- Set up new network configurations when additional client computers are added.

Education

08/2015 – 08/2019 **Information Systems – Computers Science**
Gunadarma University

Complete a rigorous curriculum in professional writing, publishing, and android-based applications.

Courses and Workshops

Name Courses and Wokshop	Years	ID Certificate
Kupas Tuntas Data Science dalam industry Jasa Keuangan	Feb 2022	
Has Completed in R Fundamental for Data Science	Jan 2022	
Menguasai Fundamental Algoritma	May 2022	Certificate ID: 2467030510
Mahir Membuat Db Aplikasi Profesional	May 2022	Certificate ID: 2467030523