

Ikhda Muhammad Wildani

Software Engineer | Full Stack Developer

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SUMMARY

With over 5 years of experience in the tech industry, I am a dedicated and proactive software engineer who is eager to continue growing and adapting to new technologies and industry trends. I work collaboratively with my team, valuing feedback as an essential part of problem-solving and innovation. I actively listen to my colleagues to ensure we work towards shared goals and foster a positive, inclusive work environment. My strong organizational skills help me prioritize tasks, manage deadlines, and maintain productivity, ensuring efficient workflow and the timely completion of projects.

EXPERIENCE

PT Sepulsa Teknologi Indonesia (Alterra Bills) - Malang, Indonesia (Remote)

Software Engineer (May 2022 - Jan 2025)

- Collaborated with the team to integrate multiple Billers and Partners for the transaction API, utilizing **Golang**, **VueJS**, and **MariaDB**.
- Contributed to the development of new Product Types such as PLN non Taglis, Vacation Ticket and Voucher Deals, leveraging **Golang**, **RabbitMQ**, **Redis**, and **MariaDB**.
- Contributed to the improvement of Connect UI for selling digital products using **PHP**.
- Contributed to the improvement of Voucher Service for voucher management using **Python**.
- Integrating Credit Card Direct Visa to the System, and catching the callback to update the transaction, leveraging **CyberSource** as a 3rd API.
- Build an API for Smartfren Product Recommendation and expose it to Partner by Rest API, leveraging **Golang**, **MariaDB**, and **Redis**.

PT Sehat Digital Nusantara (Alteacare) - Jakarta, Indonesia (Hybrid)

Backend Developer (Jan 2022 - April 2022)

- Collaborated with the team to build a Marketplace with several microservices using **Node.js**, **gRPC**, **Rest API**, **MongoDB** and **Logging**.

MHC Medical Network Pte Ltd (Glints) - Singapore (Remote)

Full Stack Developer (March 2020 - Dec 2021)

- Contributed to the development of Enrollment Service and Benefit Calculation using **Node.js**, **Express.js**, **MongoDB** and **React.js**.
- Collaborated with the team to develop the Notification MS, enabling the delivery of Email, SMS, and Push Notification to Mobile App using **Node.js**, **Express.js**, **MongoDB** and **React.js**.
- Played a key role in building Credit Note features that can create a credit note and process it until approved or rejected and then can be exported to PDF File using **Node.js**, **Express.js**, **MongoDB** and **React.js**.
- Helped to maintain the project for School Claim using **Node.js**, **Express.js**, **MySQL** and **React.js**.

PT Mumu Nusantara Agung (Iconreel) - Jakarta, Indonesia (Onsite)

Software Engineer (October 2019 - March 2020)

- Contributed to enhance the micro service for scrapping Instagram profile so we can calculate the engagement such as love, comments, and share using **Node.js** (Back End).
- Helped to enhance the dashboard page for charts of engagements using **Yii2 PHP** (Fullstack).
- Build from scratch for Trading Desk Dashboard Front End using **Angular 8**, **TypeScript** for two months (1 Business Analyst, 2 Back End Dev, and me as a Front End Dev).

EDUCATION

Bachelor of Computer Science at Binus University (2021 - 2025)

Focused on mastering theoretical foundations and practical applications in Computer Science, with comprehensive coursework spanning software development, data science, artificial intelligence, and cybersecurity.

Software Development & Engineering

Acquired robust programming and problem-solving skills, focusing on designing, building, and optimizing software applications:

- **Algorithm and Programming** – Foundation of coding and computational thinking.
- **Algorithm Design and Analysis** – Advanced strategies for efficient problem-solving.
- **Operating System** – Insights into system architecture and resource management.
- **Software Engineering** – Agile development practices and lifecycle management.
- **Object Oriented Programming** – Application of OOP principles to real-world scenarios.
- **Web Programming** – Development of dynamic, user-centric web applications.
- **Mobile Programming** – Proficiency in designing and implementing mobile apps.
- **Compilation Techniques** – Understanding language translation and compiler design.
- **Human and Computer Interaction** – Principles of designing intuitive and user-friendly interfaces.

Data Science & Analytics

Equipped with analytical and technical skills for data-driven decision-making:

- **Data Science** – Exploratory data analysis and predictive modeling.
- **Database Technology** – Management and optimization of relational databases.
- **Data Warehouse** – Design and deployment of data warehouses for business intelligence.
- **Basic Statistics** – Statistical foundations for data interpretation.
- **Big Data Technologies** – Handling and analyzing large-scale data sets effectively.

Artificial Intelligence & Machine Learning

Developed competencies in creating intelligent systems and models:

- **Artificial Intelligence** – Foundations of AI, including search, reasoning, and learning techniques.

Networking & Cybersecurity

Gained expertise in secure system design and network protocols:

- **Computer Networks** – Architecture, protocols, and secure communication methods.
- **Computer Security** – Protecting systems against threats and vulnerabilities.

Computational Science & Mathematics

Built a strong foundation in mathematics and computational techniques:

- **Discrete Mathematics and Linear Algebra** – Logic, matrices, and graph theory.
- **Calculus and Scientific Computing** – Advanced mathematical tools for scientific applications.
- **Computational Physics & Biology** – Integration of computation in biological and physical sciences.

Research & Development

Prepared for academic and applied innovation:

- **Research Methodology in Computer Science** – Conducting and presenting structured research.

CERTIFICATIONS

- JavaScript Certificate from Hackerrank
<https://www.hackerrank.com/certificates/6ba1fe0c6433>
- Problem Solving Certificate from Hackerrank
<https://www.hackerrank.com/certificates/b63a0096632c>
- Implementing Software Architecture of a Large-Scale System
<https://www.udemy.com/certificate/UC-afad6c76-79aa-447e-9ec8-a6ab61875ff4/>
- Backend Master Class [Golang + Postgres + Kubernetes + gRPC]
<https://www.udemy.com/certificate/UC-05d22a50-d3e3-490c-85c3-6976ccb81fdc/>
- Software Testing Masterclass (2024) - From Novice to Expert
<https://www.udemy.com/certificate/UC-9a8e93c5-062b-42f3-986c-606f255523b5/>
- The Complete JavaScript Course For Web Development Beginners
<https://www.udemy.com/certificate/UC-EJHBY15B/>
- Go: The Complete Developer's Guide (Golang)
<https://www.udemy.com/certificate/UC-ddc4e71d-26ed-4bc1-8b4e-d497ea6a033b/>
- Basic Data Visualization
<https://www.dicoding.com/certificates/98XW59QWPM3>
- Programming with Python
<https://www.dicoding.com/certificates/JMZV4KEQQXN9>
- Basic Artificial Intelligence
<https://www.dicoding.com/certificates/QLZ9VJW22X5D>

SKILLS

Hard Skills

- **Programming Languages:** Golang, Node.js, Python, PHP, JavaScript, TypeScript.
- **Frameworks & Libraries:** Vue.js, React.js, Angular.js, Express.js, Yii2.
- **Databases:** MariaDB, MongoDB, MySQL, PostgreSQL.
- **API Development:** RESTful APIs, gRPC.
- **Message Brokers:** RabbitMQ.
- **Cache:** Redis.
- **DevOps & Cloud:** Docker, CI/CD Github Action.
- **Testing:** Software Testing methodologies, debugging, unit testing.
- **Logging & Monitoring:** Elastic, Kibana, Grafana, and Prometheus.
- **Tools & Platforms:** CyberSource, PDF processing.

Soft Skills

- Problem-solving and critical thinking.
- Effective team collaboration and communication.
- Task prioritization and time management.