

# VANESSA REBECCA WIYONO

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## EDUCATION

### Bandung Institute of Technology

Aug 2021 – Jul 2025

#### Informatics Engineering

- **Relevant Courses:** Web Development, Database Managements, Computer Network, Object Oriented Programming, Human-Computer Interactions, Artificial Intelligence, Information System, Distributed Application Development

## EXPERIENCES

### Traveloka, Indonesia

Sep 2024 – March 2025

Southeast Asia's leading super app, Unicorn Status (\$3B+ valuation)

#### Internship - Software Engineer

- Integrated preflight notifications with LINE, saving nearly \$150k annually in SMS costs.
- Improved data synchronization, reducing failure rates by up to 90% by leveraging AWS SQS and Lambda
- Implemented AWS infrastructure with Terraform, using IaC to automate deployment and S3 bucket management
- Migrated 5 messaging services to use authentication in a Java Spring Boot environment
- Redesigned the refund policy and approval workflow for improved efficiency and compliance
- Developed 5 different kinds of email parsers to automate the processing of emails from airlines to passengers

### Atlas Copco, Indonesia & Sweden

May 2024 – Aug 2024

World-leading provider of sustainable productivity solutions (\$75B+ valuation)

#### Global Internship - Software Engineer

- The sole intern from Indonesia among 27 other interns from the US, UK, Sweden, Germany, Italy, Mexico, China, Thailand, and Turkey
- Created a data monitoring app by using Flask, SQLAlchemy, PostgreSQL, PyQt, Flask-SocketIO, Python
- Collaborated in a team of five international interns to brainstorm and research the application of 3D printing in industry
- Pitched the project result to the Vice President in Stockholm, Sweden.

### Medify.id, Indonesia

Jul 2023 – Dec 2023

Indonesian startups providing Hospital and Clinic Information Management Systems

#### Internship - Web Developer

- Led a team of three in developing a website using Java and MongoDB, managed to integrate it with the frontend
- Created a website using Vue.js with Metronic, with documentation using Swagger and created a headless CMS using WordPress

### AIIESEC, Indonesia

Network Outreach of External Relations

Jul 2021 – Feb 2023

- AIIESEC is a global platform to develop young people's leadership through international internships and volunteers
- Pitched and negotiated with potential stakeholders for partnerships. Managed to deal with 20+ partners

## HONORS AND AWARDS

### Hackathon - FindIT Universitas Gadjah Mada

Jun 2023

- 3rd place winner of Hackathon competition held by Universitas Gadjah Mada
- Created MVP using TypeScript and Go, developed the main idea and the business model, pitched the idea to the judges

### IsDB-France Full Scholarship

Jul 2021

- Development Bank (IsDB) partnered with the French Ministry to launch a joint international scholarship.
- Awarded full scholarship at Grenoble Alpes University for bachelor of informatics, with a total quota of 80 students from 42 eligible countries

## SKILLS

- Language: Indonesian, English, French, Mandarin
- Programming Languages: Java, Python, Javascript, Typescript, C, C++, SQL, CSS, C#, PHP, Kotlin
- Frameworks: ReactJs, NodeJs, Flutter, MySQL, .NET, Flet, Docker, Bun, Springboot
- Databases: MongoDB, PostgreSQL, MariaDB
- Tools & Stacks: Github, Gitlab, Google Apps Script, Datadog, Terraform, AWS