Bagas Gilang Ramadhan

Software Developer | Backend Developer | Frontend Developer | Cybersecurity Specialist

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About Me

I am a 7th-semester Informatics Engineering student at Universitas Indraprasta (UNINDRA) with a passion for software development and IT infrastructure. I have strong skills in backend and frontend development with proficiency in PHP, Java, HTML5, CSS, JavaScript, and Python. Additionally, I have experience in database management using SQL and MySQL, and I specialize in building scalable backend applications with Hapi.js. I also have a solid understanding of IT infrastructure, including LAN, MAN, WAN, and network hardware like Mikrotik and Cisco. I am eager to contribute to the IT industry and tackle new technical challenges.

Education

Bachelor's Degree in Informatics Engineering

Universitas Indraprasta (UNINDRA)

Expected Graduation: 2025

Technical Skills

Programming Languages: PHP, Java, HTML5, CSS, JavaScript, Python

Frameworks & Tools: Hapi.js, AWS Cloud Adoption Framework, Bootstrap, jQuery

Database Management: SQL, MySQL

Software Development: Backend application development, CRUD operations, E-commerce platform development

IT Infrastructure: LAN, MAN, WAN, Crimping cable, Mikrotik, Cisco

Frontend Development: Responsive UI development using HTML5, CSS, JavaScript, integration with Bootstrap and jQuery

Other Tools: Microsoft Word, Excel (Basic), PowerPoint (Advanced)

Projects

Warehouse Inventory Management System

Developed a desktop application using NetBeans to manage warehouse inventory flow. Included features for tracking goods entering and exiting the warehouse.

Personal Website

Designed and developed a fully responsive personal website with an automatic photo slider and a search functionality to showcase my portfolio and technical skills.

Bookshelf App

Built a bookshelf application with Hapi.js, following specified submission criteria for an academic project.

E-commerce Platform

Created a complete online shopping platform with features like pop-up subscription confirmation and payment proof submission for a seamless shopping experience.

Student Graduation Prediction (SDN Jati Waringin X)

Implemented the K-Nearest Neighbor (KNN) algorithm using Python to predict student graduation based on their academic performance, aiding in decision-making processes.

Certifications & Achievements

Cisco

Introduction to Cybersecurity, Jan 2025

Ethical Hacker, Sep 2024

Networking Basics, Jan2025

Dicoding Indonesia

Basic Data Science, Oct 2024 (ID: 2VX3466GNZYQ)

Basic JavaScript Programming, Oct 2024 (ID: KEXLY88L0ZG2)

Self-Development Strategy, Oct 2024 (Valid until Oct 2027, ID: 1OP8413N8ZQK)

Basic AI, Sep 2024 (Valid until Sep 2027, ID: JMZV4288JXN9)

Cloud Practitioner Essentials, Sep 2024 (ID: KEXL16OKWXG2)

Basic SQL, Oct 2024

Basic Project Management, Sep 2024

Beginner Front-End Web Development, Nov 2024

Belajar Back-End Pemula dengan JavaScript, Jan 2025

Digital Talent Scholarship

Cybersecurity for Entrepreneurs, Sep 2024 (ID: 1969485850-115)

Kominfo

Cybersecurity for Entrepreneurs

DQLab

Guide to Learn R with AI, Sep 2024

Guide to Learn SQL with AI, Sep 2024

Introduction to Data Science with R, Sep 2024

Introduction to Data Science with Python, Sep 2024

All certifications obtained for free through scholarship programs.

Work Experience

Freelancer - RECEIVED DATA (INBOUND)

Swift - A Tokopedia Company

Sep 2021 - Sep 2023 (2 years 1 month)

Inbound: Received and verified incoming inventory from suppliers.

Inventory: Organized and recorded newly received items in storage racks.

Outbound:

Picker: Retrieved items ordered by customers.

Console: Sorted items collected by pickers.

Checker: Verified selected items before packing.

Packer: Packed items for shipment.

Dispatch: Organized packed items for delivery and prepared shipping documents.

Additional Skills

Strong problem-solving abilities

Effective communication and teamwork

Adaptability to new technologies

Attention to detail

Hobbies & Interests

Learning new IT frameworks and tools

Writing blogs and technical documentation

Setting up networks and IT hardware

Reading about AI and machine learning advancements