

# Hendra Sutrisno

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Semarang, Central Java

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## SUMMARY

I'm an Informatics Engineering graduate from UDINUS with over a year of experience in full-stack application development. I specialize in building industry-scale systems, managing complex databases, and creating responsive, user-centric interfaces. Known for strong problem-solving skills, attention to detail, and effective cross-team collaboration, I strive to deliver scalable, reliable, and high-quality applications that support business success.

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## EDUCATION

### DIAN NUSWANTORO UNIVERSITY

- Informatics Engineering : GPA 3.90
  - Courses related : Data Mining, Artificial Intelligence, Information Retrieval, OOP, Digital image processing, Cryptography, Web Programming,
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## EXPERIENCE

### Data & System at PT Hwaseung Indonesia 2

Oct 2025 - Now

- Responsible for end-to-end maintenance of the QIP (Quality Integration Program) applications used across multiple buildings and cells within the manufacturing environment.
- Develop and implement new features based on operational needs, ensuring the system remains scalable, reliable, and aligned with user requirements
- Perform routine database backups, monitor system performance, and ensure data integrity across all modules.
- Optimize storage usage by implementing efficient file handling, image compression, and database cleanup strategies to maintain application performance.
- Collaborate closely with quality, production, and IT teams to understand workflow challenges and deliver solutions that streamline processes and improve operational efficiency.

### Freelance Programmer

Sept 2022 - Now

#### Web Development

- Crafted Custom Websites: Constructed websites from scratch utilizing technologies such as HTML, CSS, JavaScript, and frameworks like Codeigniter, ExpressJS, NextJS to meet specific client requirements.
- Client Collaboration: Directly engaged with clients to understand their requirements, ensured regular updates, and incorporated their feedback to deliver products meeting their expectations.

### Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka

Feb 2024 - June 2024

#### Machine Learning Cohort

- I engaged in learning activities focused on Python fundamentals, basic data understanding, and various machine learning algorithms. These activities provided me with essential skills in Python programming, data handling techniques, and a comprehensive understanding of machine learning principles, empowering me to tackle real-world data science challenges effectively.
- For my final project, I developed a financial tracking app with OCR for receipt scanning and a product classification system for expense categorization.

### IT Intern at BPS Kota Semarang

Jun 2024 - Jul 2024

- Developed a web-based application for employee work permits and field task reporting. Created a system that allows employees to submit requests for work permits and report their activities while working in the field, ensuring efficient monitoring and record-keeping for the organization. This solution streamlined administrative processes and improved transparency in field operations

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## ORGANIZATION EXPERIENCE

**Dinus Open Source Community (DOSCOM)**

**June 2022 - June 2024**

### **Head of Programming Division**

Engaging in the management of Dinus Open Source Community's Programming Division, involved in developing web profile organization as a project manager, actively participating as a speaker on web development and machine learning topics, and contributing significantly to the realm of open-source initiatives.

- **Project Manager** | *Tech Stack : ReactJS, ExpressJS*

Serving as the Project Manager for the Doscom Web Project. Effectively coordinating the team, setting application feature development deadlines, and assisting in resolving issues that arise during development.

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## PROJECT

- **QIP Apps (PT HWI 2)** | *Tech Stack : Laravel, Mysql, Tailwind, Docker,*

Develop and implement new features based on operational needs, ensuring the system remains scalable, reliable, and aligned with user requirements

- **Government Apps (Sipernik PTUN Gorontalo)** | *Tech Stack : PHP , Codeigniter, Mysql ,Bootstrap*

Adding some features that implement CRUD functionality to enhance a government correspondence website, facilitating efficient document management and record-keeping processes.

- **berUang (Bangkit Project Capstone)** | *Tech Stack : Tensorflow, NLP, LSTM*

Developed a machine learning feature that combines OCR, product Category classification. Especially create Product Categories Classification using LSTM.

- **Website IKM (BPS Kota Semarang)** | *Tech Stack : PHP, Codeigniter, Mysql, Bootstrap*

Created a system that allows employees to submit requests for work permits and report their activities while working in the field, ensuring efficient monitoring and record-keeping for the organization.

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## CERTIFICATIONS & COURSE

- Tensorflow : Advanced Techniques Specialization (by Coursera)
  - Tensorflow : Data and Deployment Specialization (by Coursera)
  - Machine Learning Specialization (by Coursera)
  - Mathematics for Machine Learning and Data Science Specialization (by Coursera)
  - Getting Started with Deep Learning (by NVIDIA)
  - Belajar Machine Learning untuk Pemula (by Dicoding)
  - Belajar Pengembangan Machine Learning (by Dicoding)
  - Machine Learning Dasar (by Baparekraf Digital Talent)
  - Belajar Dasar Visualisasi Data (by Dicoding)
  - Certification Scheme of Associate Data Scientist (by BNSP)
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## SKILLS

### **Web-Development**

**Languages :** Javascript, Python, PHP, SQL, NoSQL (MongoDB), HTML, CSS

**Frameworks:** NextJS, ExpressJS, Laravel, Codeigniter

**Tools:** GitHub , Notion , VS Code , Postman , Insomnia , Xampp , Laragon, Docker, Nginx, Apache

### **Data Analyst**

**Languages :** Python, SQL, PostgreSQL

**Tools:** Excel , Spreadsheet, Tableau, Power BI , Looker , Google Colab