

# OKTARYAN HUGO WIRATAMA

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Bekasi, West Java, Indonesia

Fresh graduate in Informatics Engineering (Dec 2024) with a 3-month internship as a Fullstack Developer and hands-on experience in 4+ web development projects. Proficient in React, Next.js, Laravel, and PostgreSQL. A frontend-focused developer with backend capability, skilled in building responsive UIs, integrating APIs, and managing backend logic and databases using SQL/ORM. Eager to contribute to a fast-paced development team and continuously grow in the tech industry.

## Experiences

### CV Rajawali Merah - Semarang, Indonesia

Mar 2022 - Jun 2022

#### Fullstack Developer Intern

Built an e-commerce for CV Rajawali Merah, furniture manufacturer specializing in divans, chairs, cupboards, and home furnishings.

- Developed a fully responsive e-commerce platform using PHP, JavaScript, MySQL, and Bootstrap, handling at least 50 orders weekly
- Built both customer-facing site and admin dashboard, improving internal workflows by 40%
- Integrated Xendit for payment automation and versioned the modular codebase with Git, reducing manual order handling by 80%

## Educations & Courses

### Universitas Dian Nuswantoro - Semarang, Indonesia

Oct 2019 - Dec 2024

#### Bachelor's Informatics Engineer, 3.35/4.00

- Web Development: Web Based Programming, Responsive Web Design, Advanced Web Programming
- Algorithms: Data Structures, AI, Cryptography, Data Mining
- Networking: Computer Networks, Network Management

### Udemy - Course

#### Take a Web Developer Bootcamp at Udemy about Fullstack Development (in progress)

- 70+ hours of project-based learning on HTML5, CSS3, JS (ES6+), React, Node.js, Express, MongoDB
- Built 13+ projects, including RESTful APIs, responsive UI, authentication, and cloud deployment
- Gained skills in Git, CLI, NPM, CI/CD, and Agile practices

## Projects

### Petventory

Cloud-based pet shop management inventory system

- Built with Next.js, TypeScript, TailwindCSS, and deployed on Vercel with <5s load time - live at <https://petventory.vercel.app>
- Configured NeonDB (PostgreSQL) with Prisma ORM, optimized to store up to 50K+ structured records
- Integrated 2 external services: StackAuth (auth) & UploadThing (file upload)

### Self Portfolio

Personal website to showcase projects, skills, and experience

- Built with React.js, TailwindCSS, and Framer Motion for interactive UI
- Designed and tested responsive layouts for mobile, tablet, and desktop (4+ breakpoints)
- Deployed on Netlify with <5s load time - live at <https://hugowrtma.site>

### Schedulink

Course scheduling system using algorithmic optimization

- Developed a local scheduling app with Laravel, PHP, MySQL, and Bootstrap
- Tested and optimized automated scheduling on 50+ course variations using Ant Colony Optimization (ACO)
- Built an admin panel to perform CRUD on rooms, courses, and instructors and trigger schedule optimization

## Skills & Certifications

- **Technical Skills:** HTML5, CSS3, JavaScript, TypeScript, React, Next.js, Vue.js, TailwindCSS, PHP, Laravel, Java, Express.js, Node.js, MySQL, PostgreSQL, MongoDB, Git, Docker, Jira.
- **Soft Skills:** Communication Skills, Problem-solving Skills, Adaptable & Flexible, Teamwork Skills, Detail-Oriented.
- **BNSP Web Developer Expert** 🏆 (2024): Certified as a competent Web Developer under the Communication and Informatics scheme by BNSP in April 2024.