

# JONATHAN WIJAYA

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Terban, Gondokusuman, Yogyakarta 55223

Informatics undergraduate at Universitas Kristen Duta Wacana Yogyakarta with a focus on Application Development and UI/UX Design. Skilled in building clean, responsive, and user-centric digital solutions. Strong teamwork and communication abilities, with a passion for learning and contributing to innovative software projects.

## Work Experiences

### Universitas Kristen Duta Wacana - Yogyakarta, Indonesia

Feb 2025 - Jul 2025

#### Assistant Lecturer for Web Programming

- Guided 30+ students through weekly module-based labs via the university's Learning Management System (LMS), covering hands-on applications in HTML, CSS, JavaScript, and PHP.
- Created coding exercises and post-tests aligned with weekly modules, using Visual Studio Code and XAMPP to teach real-world web development workflows and reinforce practical skills.
- Assessed 450+ coding submissions using LMS tools, maintaining 100% on-time grading and contributing to an average student score of 93.89%.

### Universitas Kristen Duta Wacana - Yogyakarta, Indonesia

Feb 2024 - Jun 2024

#### Assistant Lecturer for Computer Networks

- Delivered hands-on guidance to 30+ students in weekly lab sessions, covering IP addressing, subnetting, and routing logic using Cisco Packet Tracer, PuTTY, and Wireshark.
- Designed and tested 9 lab assignments based on real-world networking scenarios, enabling students to troubleshoot and simulate networks using Cisco Packet Tracer.
- Reviewed and graded 270+ lab submissions manually, providing detailed feedback on configuration accuracy, subnetting logic, and routing efficiency.
- Boosted student participation by actively answering questions and breaking down advanced networking topics like packet sniffing and secure shell access using Wireshark and PuTTY.

## Education Level

### Universitas Kristen Duta Wacana - Yogyakarta, Indonesia

Aug 2022 - Aug 2026 (Expected)

#### Undergraduate Informatics, 3.65/4.00

- SealNote: Developed a secure Android note-taking app using Kotlin and Jetpack Compose, featuring biometric authentication (face and fingerprint), a stealth mode disguised as a calculator, and Firebase Storage integration. <https://github.com/jonathanwijayaa/SealNote>
- Office of Dicky Huang: Engineered a responsive, web-based application for an architectural firm using HTML, custom CSS with Tailwind CSS, and JavaScript. This front-end solution focuses on delivering an intuitive user experience for showcasing architectural projects and facilitating client interaction through a clean, modern interface. <https://jonathanwijayaa.github.io/OfficeofDickyHuang/>
- AI News Portal: Developed an AI-focused news web portal using React, TypeScript, and Tailwind CSS. Implemented responsive design and deployed on Vercel, delivering a fast, user-friendly platform for the latest AI news and trends. <https://ai-news-portal-nine.vercel.app/>
- Fishbot Go: Designed a game using C# that teaches players about ocean conservation by controlling a robot fish to clean plastic waste. The game emphasizes environmental education and problem-solving skills. <https://nicholandn22.itch.io/fishbot>

## Organisational Experience

### Himpunan Mahasiswa Teknik Informatika - Yogyakarta, Indonesia

Feb 2024 - Mar 2025

#### Secretary

- Coordinated with a team of 5 to draft agendas, meeting minutes, and activity reports, streamlining internal workflows using Google Workspace tools.
- Managed delegation and timeline tracking for 20+ members, using weekly standups and progress reports to ensure timely task completion.
- Maintained and updated membership records for 20+ students with 95% data accuracy, using shared spreadsheets and collaborative tracking tools.
- Composed and distributed 100+ professional documents (e.g., official letters, event updates), supporting communication across departments and external partners.

## Skills, Achievements & Other Experience

- Soft Skills:** Time Management, Communication, Responsibility, Teamwork, Adaptability, Creativity, Problem-Solving
- Hard Skills:** HTML, CSS, TailwindCSS, JavaScript, TypeScript, React, PHP, Kotlin, Python, SQL, Figma, Github, Android Studio