MICHAEL VALENSIO ONE FEBIAN

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ABOUT ME

Final-year Informatics student specializing in Web and Mobile Development, with hands-on experience in Laravel, Flutter, and Node.js. Experienced in building production-ready systems including e-commerce, booking platforms, and mobile applications. Strong in problem-solving, system architecture, and team leadership.

WORK EXPERIENCE

Web Developer (Part-Time), PT HARUM SARI   **June 2024 – Present**

As a Web Developer, I am primarily responsible for managing and continuously maintaining two main platforms. Previously, I focused on maintaining an existing e-commerce website, ensuring stable operations of the transaction system. My role includes optimizing system performance, performing regular updates, and ensuring platform reliability.

Web & Mobile Developer, Freelance   **March 2023 – Present**

I have completed various independent projects obtained through professional networks and community forums. These range from developing Custom Content Management Systems (CMS), portfolio websites, and landing pages, to complex platforms such as E-commerce systems and hotel/booking systems. This experience has strengthened my technical expertise in frameworks such as Laravel, Flask, and Flutter, while improving my skills in project management, client communication, and delivering tailored solutions on time.

EDUCATION

Universitas Teknologi Yogyakarta (UTY)   **September 2022 - Present**

- Bachelor of Informatics (Final-Year Student) | GPA: 3.80/4.00 (138 Credits Completed)
- A final-year Informatics student focusing on Web and Mobile Development, consistently maintaining strong academic performance and active involvement in technical and organizational activities.

TECHNICAL SKILLS

- **Backend**: Laravel, Flask, Node.js (Express.js)
- **Frontend**: Flutter, React, Tailwind, HTML/CSS/JS
- **Database**: MySQL, SQlite, Firebase, Supabase, MongoDB
- **Tools**: Git, Postman, Figma
- **Programming Language**: Python, PHP, JavaScript, Dart

SOFT SKILLS

- Leadership & Team Coordination
- Problem Solving & Analytical Thinking
- Project Management
- Communication & Client Handling
- Adaptability
- Time Management
- Critical Thinking
- Collaboration & Interpersonal Skills

ORGANIZATIONAL EXPERIENCE

HIMATIKA UTY • President   **October 2024 – December 2025**

Led the Informatics Student Association with full responsibility over strategic planning and organizational operations. Coordinated multiple departments, ensured the execution of work programs, and served as the official representative to build partnerships that support the organization's growth and sustainability.

UNIT KEROHANIAN KRISTIANI UTY • Volunteer   **October 2023 – January 2024**

Served in the event division for the Christmas Celebration Committee, responsible for planning, organizing, and managing the event rundown to ensure a smooth and successful program execution.

PROJECT & TEAM EXPERIENCE

Strive to High (PKM 2025) • Lead Mobile Developer

Part of the Student Creativity Program (PKM), a national research and innovation initiative under the Ministry of Education, Culture, Research, and Technology of Indonesia (Kemdikbudristek).

- Led the mobile development team in building an accessible learning platform integrating an AI-based interview simulator and AR training modules.
- Designed the system architecture, user flow, and mobile interface to ensure optimal usability, including support for individuals with disabilities.
- Developed the cross-platform mobile application using Flutter, implementing API integration and interactive training components.
- Collaborated with a multidisciplinary team to prepare proposals, analyze user requirements, and deliver prototypes aligned with PKM standards and evaluation guidelines.

LANGUAGES

- **Indonesian** Native
- **English** Upper Intermediate

PORTOFOLIO

- **Paulus Connect — Web Backend & Admin Panel Development**

  Designed and implemented a RESTful API using Laravel to support seamless data communication with the mobile application. Developed the admin panel using Blade and TailwindCSS, focusing on usability and efficient data management.
  https://github.com/Dulcoon/paulus-connect-backend

- **Paulus Connect — Mobile App Development (Flutter)**

  Developed the user interface (UI/UX) of the Paulus Connect mobile application using Flutter/Dart. Integrated the app with backend APIs to enable user authentication, sacrament registration, and church activity features.

  https://github.com/Dulcoon/paulus-connect-flutter

- **Strive to High App (PKM 2025) — Mobile Platform Development**

  As the Lead Developer for the 2025 PKM project "Strive to High", I designed the mobile application architecture focusing on accessibility for individuals with disabilities. The application includes an AI-based interview simulation module (real-time feedback) and an AR-based training module, creating an innovative and inclusive learning platform.

  https://github.com/Dulcoon/strive-to-high-app

- **Strive to High — Web Backend & Company Profile**

  Developed the backend and admin panel (CMS) for the "Strive to High" project using Laravel. Responsible for business logic, API development, and data management. Also built the company profile website to strengthen the project's branding and online presence.

  https://github.com/Dulcoon/strive-to-high-backend-admin - strivetohigh.org

- **Villa Booking Website — HolidayBaliVilla**

  Developed a modern, elegant, and mobile-friendly villa catalog and booking website for HolidayBaliVilla. The platform includes detailed information such as pricing, facilities, image gallery, Google Maps integration, and a WhatsApp reservation button. The frontend was built using TailwindCSS and Laravel Blade, with a clean visual identity aligned with the brand.

  https://github.com/Dulcoon/holidaybalivilla - holidaybalivilla.homeliving.co.id

- **Furniture E-Commerce — Homeliving Woodcraft**

  Responsible for the development and ongoing maintenance of the Homeliving e-commerce website, ensuring smooth operation, updated product content, and stable system performance.

  www.homeliving.co.id

- **Inventory & Meeting Management App — siTika (HIMATIKA UTY)**

  Developed a mobile application to manage inventory, equipment borrowing, meeting schedules, and QR Code–based attendance for a student organization. Built using Flutter and Firebase, featuring real-time data synchronization, role-based authentication (admin & member), and automated notifications for meeting reminders and equipment return deadlines.

  https://github.com/Dulcoon/sitika-app

- **More projects, detailed case studies, and source code are available at:**

  https://dulcoon.vercel.app/

CERTIFICATION

- **HackerRank certification test for SQL (Advanced):** Hackerrank
- **Machine Learning Professional Certification:** Altair RapidMiner