

MICHELLE

+6285262270970 | miiseel122@gmail.com | [linkedin.com/in/michelle--/](https://www.linkedin.com/in/michelle--/) | [Michelle | Informatics Student](#)

Cikarang, Jawa Barat, Indonesia.

Undergraduate Informatics student at President University with experience in developing web-based systems and mobile applications, including a platform that reached 15,000+ views and 45,000%+ growth within 30 days. Familiar in PHP, MySQL, HTML, CSS, and Kotlin, with a strong understanding of system logic, database design, and building structured applications for efficient internal processes.

EDUCATION

President University - Cikarang, Jawa Barat, Indonesia.

Aug 2024 - Dec 2027 (Expected)

Bachelor of Informatics, 3.84/4.00

Jababeka Scholarship 75% Awardee

Core Coursework: Data Structures & Algorithms, Web & Server-Side Programming, Wireless & Mobile Programming, Ethical Hacking, Software Engineering, Digital Forensic, Security Risk Management and Audit, Cryptography and Data Security.

LEADERSHIP EXPERIENCE

President University Major Association Informatics (HIMA)

Oct 2024 - Present

Senior Treasurer & Treasurer

- Led IDR 50M+ budget across multiple events, ensuring efficient allocation and cost control.
- Negotiated with vendors and reduced unnecessary costs while maintaining event quality.

Faculty of Computer Science, President University

Jan 2025 - Jan 2025

Exhibition Coordinator of Pre-Bootcamp

- Coordinated exhibition flows and public speaking sessions for 70+ high school participants to promote the Informatics program.
- Facilitated technical demonstrations of VR equipment and AWS Builder solutions, enhancing student engagement with modern cloud and immersive technologies.

Keluarga Mahasiswa Buddhist Ashokavardhana President University

Vice Project Manager II of Lunar New Year

Nov 2024 - Feb 2025

- Co-led and directed a team of 35 members to ensure the effective execution of organizational programs.
- Optimized daily program workflows and internal communication strategies, boosting member participation by 40% while maintaining high operational efficiency.

PIC Fund&Raising of Praktik Penghayatan Dhamma

Feb 2025 - Apr 2025

- Secured IDR 1.2M+ in additional revenue to successfully cover budget gaps and ensure smooth project operations.
- Generated 100% of required funding through creative fundraising initiatives and strategic sales

Projects

- **President Cupid's (Campus Based)** [Github : github.com/saoyuhh/President-Cupid-s]
 - Designed a web-based platform using PHP and MySQL with an interest-based matching algorithm to connect students across majors and organizations.
 - Reached 15,000+ views and 45,000%+ growth within 30 days, with 83% new users from non-followers.
 - Scaled to 100+ active users with recognition from the university rector.
- **Kost Management System** [Github : github.com/saoyuhh/Kost-Management-System]
 - Implemented a web-based dorm management system using PHP and MySQL with a 5-table normalized database to ensure data integrity.
 - Engineered authentication, real-time room tracking, and maintenance request workflows to streamline operational processes.
 - Digitized internal management systems by designing structured workflows for tenants and payments, optimizing data handling efficiency and simulating real-world processes.
- **Emergency Hospital Simulator (Roblox)**
 - Built a multiplayer simulation using Lua and Roblox Studio, implementing custom gameplay mechanics and interactive systems.
 - Enhanced server-side logic and object handling to maintain stable performance in a multi-user environment.
 - Created and managed 3D assets and in-game interactions to enhance user experience and system efficiency.
- **ArenaGo** [Github: github.com/saoyuhh/Arena-Go]
 - Developed an Android application using Kotlin to manage real-time badminton court reservations.
 - Built booking and scheduling logic to prevent double-booking and improve reservation accuracy.
 - Improved reservation efficiency by digitizing manual booking and providing real-time availability tracking.

Certification

AWS Security Fundamentals (Second Edition) – Amazon Web Services (AWS) | Aug 2025

- Learned core cloud security concepts including IAM, authentication & authorization, and shared responsibility model.

Achievements & Skills

- **Programming:** PHP, HTML, CSS, JavaScript, Java, Kotlin, C++, Lua.
- **Database:** MySQL (SQL, basic T-SQL understanding), Database Design (ERD).
- **Cybersecurity:** Network Security, Digital Forensics, Vulnerability Assessment.
- **Tools :** Git, GitHub, XAMPP, Android Studio, Firebase, VS Code.
- **Security Tools:** Kali Linux, Wireshark, Nmap, Autopsy, Cisco Packet Tracer.
- **UI/UX:** Figma
- **Languages:** English (Intermediate), Indonesian (Native)