SUPRIYANTO

+6285328783238 | 22523294@students.uii.ac.id | LinkedIn | GitHub

As a dedicated undergraduate Informatics student with a passion for technology's positive impact, I am seeking to advance my academic and professional journey through innovative software engineering. I bring extensive experience in full-stack development, mobile apps, and intelligent systems integration, having contributed to real-world projects involving backend systems and digital platforms. I thrive in collaborative environments, adapt quickly to new technologies, and uphold integrity and scalability in every development process. Passionate about creating impactful solutions that serve communities and drive continuous learning and growth.

EDUCATION

Indonesian Islamic University -Sleman, Indonesia   **2022 - Present**
Bachelor's Degree in Informatics
- Laboratory Assistant of Laboratorium Terpadu Informatika UII, Assisting in Information Systems Development.
- Head of the Student Activity Unit of the Islamic University of Indonesia and Head of the Programming Study Club, Leads and is responsible for making policies.

WORK EXPERIENCE

Assistant Lecturer of Information Systems Development   **Mar 2025 - present**
Laboratorium Terpadu Informatika UII
- Assisting 60+ students in two classes, international and regular, in developing information systems with a focus on designing guidance systems with BPMN and LLM integration.
- Guided more than 60+ students in designing intelligent information systems, with a focus on visualizing key concepts and workflows.

Programming Study Club(PSC)   **Jan 2025 - present**
Leader
- Led programming club activities and organized regular meetings to foster member engagement, collaboration, and continuous learning.
- Designed structured learning roadmaps and coordinated technical training sessions for members.

UII Football Student Activity Unit - Yogyakarta, Indonesia   **Feb 2024 - Jun 2025**
Leader
- Led and managed a soccer organization as captain and team leader, overseeing strategic planning, policy development, and long-term goals for the club.
- Deliver keynote presentations representing UII at scholarship and talent outreach events, including the "Scholarship for Athletes & Arts" program at SMANKO Semarang, Central Java, showcasing leadership and communication skills.

TemanTernak   **Feb 2024 - Present**
Full Stack Developer
- Developing a real-time quail farm app called Teman Ternak for inventory management and cage monitoring.

- Maintaining a stable and developed website, TemanTernak, a high-performance server system for an optimal farmer experience.

Student Executive Institute UII   **Jul 2023 - Jan 2024**
Analysis and research
- Analyze the problems related to student studies around campus and find solutions.
- Create an Action event (intellectualizing current issues) that aims to enable students to intellectualize current issues.
- Become the MC in guiding the Beraksi event (intellectualizing the latest issues, and also read the Koran at the opening of Beraksi.

ORGANIZATIONS

Sinera   **Mar 2024 - present**
Web Manager(Astro, and Tailwind CSS)
- Create and manage the website of the PPK Ormawa Purwobinangun village as a form of branding village products with a focus on cow's milk management so that it can become a business and an independent village.

Forsimba   **Jan 2025 - present**
Student Resource Development and Web Manager
- Organized training sessions and talent development initiatives, emphasizing the importance of future career planning and self-growth.
- Manage the development and maintenance of the **Forsimba** platform

Projects

Full Stack Developer – English Test Platform (Freelance) Feb 2025 - Present LINK
React.js, Tailwind CSS, Axios, Spring Boot, PostgreSQL, JWT, VPS, Nginx
- Developed a fully responsive and interactive front-end using React.js and Tailwind CSS with clean UI/UX for both user and admin dashboards.
- Implemented real-time scoring, progress tracking, and dynamic question rendering via API integration using Axios and React Hooks.
- Built and deployed backend services with Spring Boot and PostgreSQL, including role-based authentication using JWT.
- Deployed the platform on a VPS with Nginx, optimizing server performance and ensuring reliable API communication and security.

Back End Developer Teman Ternak   **Jan 2024 - Present LINK**
Java Spring Boot, PostgreSQL, VPS, Nginx, JWT, Firebase, SSL
- Designed and deployed RESTful APIs for core operations: egg production, inventory, expenses, and income tracking
- Deployed Spring Boot apps to VPS using Nginx, implemented SSL, and managed server performance and memory optimization.

- Collaborated cross-functionally with frontend developers and ensured smooth API integration using Retrofit & Firebase Auth.

Mobile Developer, MuslimAR   **Mei 2025 - Jul 2025** [LINK](#)
React Native, ARKit, MediaPipe, Google Speech API, Firebase, ML Kit
- Developed an AR-based salat motion detection system using MediaPipe to recognize and correct user prayer movements in real time.
- Integrated speech recognition (Google Speech API) to evaluate salat recitations and provide instant feedback on makhraj and fluency.
- I built an interactive QR Scan feature that links mushaf pages to tajwid visualizations and audio guidance using ML Kit Barcode Scanning.
- Designed and implemented user progress tracking, family monitoring mode, and gamified ibadah challenges using Firebase, Firestore, and role-based access.

Mobile Developer StutGuard   **Dec 2023 - Feb 2024** [LINK](#)
React Native, React Redux, Axios, and LLM
- Built a stunting prevention app with features to detect stunting levels and analyze nutrition from food images using LLM integration.
- Developed a daily food tracking system with nutritional analysis and consumption history.
- Created a data visualization to show user stunting statistics using Redux for state management.

BackEnd Transaction for Toko Roti-Qu   **Feb 2024 - Mar 2024** [LINK](#)
Node.js, PostgreSQL, Express.js
Creating BackEnd Recording of Roti-Qu shop transactions in Batang district, Central Java. This recording aims to make the Rotiqu shop owner easier to monitor so as to prevent data manipulation by employees. The features are as follows:
- Create a REST API, Login, and register the user withan Asynchronous implementation.
- Create Authentication & Authorization with JWT implementation for security.
- Created a CRUD Rest Api with the income of each branch of the bakery.
- Create a Rest Api CRUD output from the bakery-qu.

Certification

Oracle Academy Database Resources
- Set up PostgreSQL and created base tables
- Performed basic SQL operations (INSERT, UPDATE, DELETE, SELECT) on academic data.
- Designed ERD, normalized tables (1NF–3NF), and established relational keys.

SKILLS

Languages: Indonesian (Native) | English (Advanced)

Frontend: React.js, Next.js, React Native, HTML, CSS, JavaScript
Backend: Node.js, Express.js, Java Spring Boot, Kotlin, PHP
Database: PostgreSQL, MySQL, Supabase
Version Control: Git, GitHub, GitLab,
Tools: Visual Studio Code, Postman, IntelliJ IDEA, Android Studio

AWARDS

- **Funding Recipient for PPK Ormawa (Student Organization Capacity Building Program) 2025 – Yogyakarta**
  Indonesia Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia
- **Most active and favorite participants, Innovation Academy & GeekGarden - 2024 Yogyakarta, Indonesia**
  Node.js Innovation Academy UGM & GeekGarden training
- **Funding Recipient for PKM-RE (Student Creativity Week Exact Research Scheme) 2024 – Yogyakarta**
  Indonesia Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia
- **2nd Place of UI/UX Design Competition on Porsematic 2023 – Yogyakarta, Indonesia**
  Informatics Student Association, Islamic University of Indonesia