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Sono Hamlet, Ngepeh Village, Loceret, Nganjuk, Indonesia

SUMMARY

Current student at PENS with over one year of hands-on experience in mobile development (Flutter) and front-end web development (React.js). Skilled in building responsive user interfaces, troubleshooting performance issues, and contributing to agile team projects. Passionate about writing clean code and adopting modern frameworks to solve real-world problems. Quick learner with a strong foundation in software engineering principles, committed to delivering functional solutions within deadlines.

EDUCATION

Politeknik Elektronika Negeri Surabaya

Aug 2022 - Present

Undergraduate in D3 Informatics Engineering

- Current GPA : 3.74 / 4.00
- Relevant courses : Workshop of Web Design, Workshop of Web Programming, Workshop of Web Based Application, Workshop of User Experience Design, Workshop of Mobile Device Programming, Workshop of Framework Programming, Workshop of Agile-Based Software Development
- Target Graduation: September 2025

WORK EXPERIENCE

Flutter Mobile Developer Intern | PT Sinergi Dimensi Informatika

July 2024 - January 2025

• Primary Contributions:

- Developed *Airosentris* Mobile App (Flutter) for PDAM Surya Sembada - customer feedback analysis tool for utility service optimization :
 - Built multi-role app (Admin, Management, Operator, Data Analyst) with role-specific dashboards using Flutter & Clean Architecture.
 - Integrated REST API & WebSocket for real-time data synchronization and machine learning model training.
 - Implemented Repository Pattern and BLoC state management to handle complex user workflows.
 - Designed paginated data lists with lazy loading for efficient performance.

• Additional Exposure:

- Studied React.js front-end development with Clean Architecture principles through internal training sessions.
- Practiced building modular components and API integration in React.js for skill diversification.

PROJECTS

Mijel: Waste Oil Exchange Mobile App (In development)

March 2025 - Present

Freelance Project | Team Collaboration

- Implemented Clean Architecture and Clean Code principles for scalable codebase maintenance.
- Collaborated with backend developers to integrate REST API endpoints.
- Tech Stack: Flutter, BLoC, REST API, Clean Architecture, Firebase.

MyPENS: Staff Information System (In development)

February 2025 - Present

Organized by PENS Informatics Engineering Department | Academic Final Project

- Enhancing PENS's official mobile app with lecturer/staff-specific modules for centralized campus management.
- Implemented Clean Architecture and Clean Code principles to enhance maintainability.
- Collaborated with backend developers to integrate REST API endpoints.
- Tech Stack: Flutter, BLoC, REST API, Clean Architecture, Firebase.

Integrated Public Street Lighting (PJU) Monitoring Dashboard

June 2024 - Desember 2024

Organized by PENS Informatics Engineering Department | Academic Community Service

- Developed user profile management page (CRUD operations) using React.js and integrated with backend APIs with Axios.
- Implemented EXCEL data export feature for sensor data analytics using Axios to consume API from backend used to download EXCEL files.
- Collaborated with 5+ team members under lecturer supervision, following Agile principles via GitHub

ORGANIZATIONAL AND COMMITTEE EXPERIENCE

UKM Software Development

February 2024 - February 2025

Social Media & Communications Coordinator | UKM Software Development PENS

- Managed organizational social media platforms, publishing weekly activity reports to 100+ members.
- Created informational content and broadcast event schedules via WhatsApp to ensure member participation.
- Collaborated with teams to plan and disseminate updates for workshops and task-based learning sessions.
- Maintained consistent communication with members to promote engagement and event attendance.

PENS Informatics Engineering Student Association

August 2022 - November 2023

Public Relations Staff | HIMIT PENS Succession 2022

- Managed communication with HIMIT members to share succession updates via social media and direct messages.
- Coordinated event attendance confirmations and sent reminders to maximize participation.
- Assisted members during the election process and addressed technical inquiries on-site.

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Dart, HTML/CSS
- **Frameworks/Libraries:** Flutter, React.js
- **Tools:** Git, Canva, Figma, Firebase
- **Methodology:** Agile Development
- **Languages:** English (Passive), Indonesian (Native)