

M KEVIN DARRELL

+ 62 812 2327 7077 | mkevindarrell1207@gmail.com | [LinkedIn](#)

PERSONAL PROFILE

Information Systems graduate (GPA 3.9) with internship experience as a Software Engineer and System Analyst, contributing to internal production systems used by operational teams in South Sumatra. Experienced in building automation workflows, real-time monitoring features, and internal dashboards that processed data from 30+ network routers and supported daily operational decision-making. Adept at translating business requirements into secure, scalable, and maintainable backend services.

WORK EXPERIENCE

PT. Charoen Pokphand - Software Engineer Intern

Aug 2025 - Dec 2025

- Developed backend and full-stack features for several internal production systems using modern JavaScript ecosystem (TypeScript, Node, React), Docker and Spring Boot.
- Built API integrations to retrieve real-time data from 30+ Mikrotik routers, enabling traffic monitoring, quota tracking, and device activity visibility for operational teams.
- Implemented automated scheduled jobs (cron) to process router usage data, update daily history, and reduce repetitive manual work.
- Created real-time monitoring endpoints using WebSocket + REST, improving diagnostic efficiency and reducing issue resolution time by 30%.
- Developed internal dashboards with React, allowing admins to view device activity, manage access, and perform operational actions more efficiently.
- Built automated reporting workflows using iText PDF & JavaMail, decreasing administrative workload by 40%.
- Utilized Docker to containerize services, ensuring consistent development and production environments.
- Collaborated closely with System Analysts to refine requirements and ensure technical feasibility during development.

PT. Charoen Pokphand - System Analyst Intern

Dec 2023 - Feb 2024

- Gathered and analyzed user and business requirements for internal leave management system.
- Created functional documentation including Use Case Diagrams and Entity Relationship Diagrams (ERD).
- Designed and implemented process models integrated with ERP concepts to streamline approval workflows.
- Collaborated with developers and HR stakeholders to ensure accurate system delivery.
- Built UI wireframes using Figma to enhance usability and reduce data entry errors by 25%.

EDUCATION

Bachelor Degree in Information Systems

2021 - 2024

Sriwijaya University - GPA 3.9/4.0

Relevant coursework: System Analysis & Design, Software Engineering, Business Process Management, User Experience (UX) Design, Database Management, Enterprise Resource Planning (ERP)

SKILLS & CERTIFICATIONS

- Technical Skills:** Backend (Node.js (NestJS), Java Spring Boot, REST API, Prisma ORM, PostgreSQL) | Frontend & UX (React, UI/UX Principles (Figma)) | System Analysis & Design (BPMN, ERD, BRD)
- Languages & Achievements:** English (Intermediate Proficiency) and Indonesian (Native). Recognized as a Finalist in the 2023 FASCO Fasilkom UNSRI Web Development Competition.