



# EURECHA SHERIJ ANAKIMESTA

[eurechasherij@gmail.com](mailto:eurechasherij@gmail.com) | +6285121010940

<https://linkedin.com/in/eurechasherij> | <https://github.com/eurechasherij> | <https://re-write.rematcha.dev>

South Jakarta, Indonesia | Available for Remote Work

Systems-minded Full Stack Engineer with 5+ years delivering scalable, maintainable applications using Laravel, React, and modern toolchains. Known for clean architecture, performance-first design, and security-aware engineering. Skilled at translating business goals into robust architecture and performant code. Experienced in backend API design, frontend UX polish, and Linux-based DevOps. I think in systems, move fast without breaking fundamentals, and build software like I'll be the one maintaining it—because I often am. Seeking a role that values autonomy, technical ownership, and meaningful impact.

## Work Experiences

### College of Contract Management - South Jakarta (UK Based)

Feb 2025 - Present

#### Full Stack Developer

- Spearheaded full-stack development for a SaaS task management platform using Laravel 11 and React (Vite + Tailwind).
- Translated general business objectives into actionable technical outcomes, from architecture, implementation, and documentation.
- Refactored large components into modular, single-responsibility units; improved onboarding and velocity.
- Introduced Husky + ESLint + Prettier to enforce git hygiene.
- Authored internal DocMost docs: file limits, component conventions, permission layering.
- Participated in interviews for backend and frontend candidates.
- Leveraged AI tools (GitHub Copilot, Cursor, and ChatGPT) to streamline API scaffolding, refactoring, and accelerate delivery of new SaaS modules.

**Tech Stack:** Laravel, MySQL, React, Zustand, SWR, Tailwind CSS, HeroUI, ESLint, Husky, Prettier, Git Hooks, DocMost

### PT Brainmatics Indonesia Cendekia - South Jakarta

Jan 2023 - Dec 2024

#### Software Manager

##### Clients:

- Indonesian National Police (SSDM Polri) – *Software Engineer and System Administrator*
  - Built and maintained **SIPP 2.0**, the Indonesian National Police personnel management system.
    - Deployed and managed the Linux server environment, including HAProxy, PostgreSQL, Redis, MongoDB, and CI/CD pipelines..
    - Optimized PHP runtime performance using Laravel Octane with Swoole, reducing latency under load.
    - Implemented proactive protections including WAF, rate limiting, and IP banning to mitigate abuse and harden infrastructure.
    - Conducted regular package upgrades, feature rollouts, and system maintenance with minimal downtime.
    - Regularly met with client to gather requirements, integrating with other systems, clarify priorities, and translate goals into actionable technical specifications.
  - Engineered **SieKTA**, a digital police ID system, digitizing issuance and verification to reduce manual errors and accelerate field checks.
    - Developed and deployed on a hardened Linux environment using Nginx, Supervisor, and CI/CD workflows.
    - Integrated with multiple local banks and the existing SIPP system to automate issuance workflows and reduce processing delays.
    - Led client meetings to capture business needs and translated them into technical implementation.
  - Built and maintained **SISMUTJAB**, job rotation management system.
    - Develop and deploy on client devices to ensure smooth operation
    - Collaborated directly with Bagumutjab Polri to define features and future requests.
  - Collaborating in the development of **SiSDM**, a mobile React Native app for field access.
    - Developed and deployed the app using Expo, handling full publishing to both Google Play and the Apple App Store, including regulatory compliance, assets (screenshots, icons), and government metadata requirements.
- Ministry of Environment and Forestry (KLHK) – *Software Engineer and System Administrator*
  - Delivered **Amdalnet** for KLHK, streamlining and accelerating environmental permit processing for government agencies and private sector applicants nationwide.
    - Built with Laravel Echo and Vue.js to enable real-time communication and faster approvals.
    - Developed and maintained the system on a Linux server environment, ensuring high availability, security, and minimal downtime through proactive monitoring and updates.
- Internal Company Websites
  - Built, deployed, and maintained the company's official site using WordPress
    - Built, deployed, and maintained the company's official websites using WordPress, tailored for SEO performance and reliability.
    - Customized themes and developed internal-use plugins to meet company-specific requirements.
    - Deployed the site on a secured Linux server, configuring the domain and hardening configuration with proper file permissions, SSL, and firewall rules.

**Tech Stack:** Laravel, PostgreSQL, React, React Native, Vue.js, Laravel Echo, Wordpress

## Software Staff

- TNP2K, Ministry of Education and Culture (Kemendikbud) – *Software Engineer*
  - Developed **e-KIAT Guru** for web (Laravel) and mobile (Kotlin/Java), improving teacher evaluation and transparency nationwide.
    - Enabled real-time data syncing and offline functionality for mobile users in rural regions.
    - Implemented data encryption at rest and in transit to protect sensitive information.
- Federal International Finance (FIF) – *System Analyst*
  - Created system architecture diagrams using **Sparx Systems** to support enterprise app design and team alignment.
    - Contributed to enterprise application design efforts for Federal International Finance (FIF) as part of a system architecture team.
    - Assisted in modeling system components and data flows using Sparx Systems Enterprise Architect, supporting documentation and alignment across teams.
- Indonesian National Police (SSDM Polri) – *Software Engineer*
  - Contributed to the development of **SIPP 2.0** (early phase), the Indonesian National Police Personnel Information System, streamlining data management and improving administrative efficiency at the national level.
    - Attended client and internal meetings to observe project planning and requirement discussions, gaining exposure to how technical specs were derived from business needs.
    - Developed backend routes and frontend templates for early SIPP 2.0 using Laravel and Blade, supporting core modules like personnel records and access controls.

**Tech Stack:** Laravel, PostgreSQL, Kotlin, Sparx Systems, Java

## Skills

---

**Languages & Frameworks:**

- Backend: PHP, Laravel (expert), RESTful APIs
- Frontend: JavaScript (ES6+), React, Vue.js, React Native
- Mobile: React Native, Kotlin
- Styling: Tailwind CSS, HeroUI
- Personal Projects: Golang

**Tooling & Architecture:**

- Zustand, SWR, Husky, ESLint, Prettier, Git Hooks, Vite, Virtuoso
- Custom permission systems with Spatie (team-scoped ACL)
- Modular React architecture, reusable hooks & utilities

**Systems & DevOps:**

- Linux (Advanced), Nginx, Apache, HAProxy
- MySQL, PostgreSQL, MariaDB
- Version control (Git), CI/CD pipelines, staging workflows

**Security & Red Teaming:**

- Rooted 25+ machines on Hack The Box (alias: *ludicrous*), including Linux, web, and privilege escalation boxes
- Familiar with privilege escalation, SSRF, XSS, SQLi, JWT attacks, and insecure deserialization
- Experience analyzing real-world misconfigurations and applying insights to harden production systems

**AI-Aware Engineering:**

- GitHub Copilot, Cursor, ChatGPT – integrated for scaffolding, debugging, code reviews.
- Prevented LLM hallucinations: replaced deprecated suggestions, enforced code reviews, documented safer alternatives

**Languages:**

- Indonesian (Native)
- English (Professional Working Proficiency)

## Impact Highlights

---

- Investigated and mitigated a production security breach indicator, tracing unauthorized access, hardening affected systems and timely patching vulnerable components.
- Scaled virtualized UI to handle 1,000+ items using Virtuoso and optimized sorting.
- Hardened pre-commit workflow to catch formatting and lint issues before push.
- Acted as de facto lead: guided teammates, cleaned legacy code, enforced architecture.

## Education Level

---

Universitas Indraprasta PGRI - Jakarta

May 2019 - (Paused)

Bachelor of Informatics Engineering

State Vocational High School 2 - Salatiga

Aug 2016 - May 2019

High School Diploma in Computer and Network Engineering