Raj Alam

Frontend-focused fullstack developer and final-year Informatics Engineering student at the Indonesian Institute of Technology, expected to graduate in February 2026. Strong experience in translating designs into scalable, responsive web interfaces and collaborating in cross-functional teams, supported by a solid foundation in backend development and RESTful APIs.

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www.github.com/rajalamdev

EXPERIENCES

Backend Developer – Internship PT. Eka Abhipraya Semesta

MARCH – **JULY 2025**

- Developed and maintained backend services using Express.js for a government information system called SIDATA, designed for the South Tangerang (Tangsel) city government.
- Designed and implemented RESTful APIs to handle community service data and generate QR codes for simplified access to public services.

Fullstack Developer – Internship PT. Radar Teknologi Komputer

SEPTEMBER – **DECEMBER 2024**

- Developed and implemented responsive frontend interfaces for multiple client web projects, translating UI designs into functional and user-friendly components using TailwindCSS.
- Integrated frontend features with backend systems built on Laravel and Filament, primarily handling CMS-style CRUD operations and data management workflows.

Research and Development – Informatics Engineering Student Association (HMIF)

FEBRUARY 2024 – **SEPTEMBER 2025**

- Led full-stack web development workshops and bootcamps with a focus on industry-relevant practices.
- Designed and developed structured full-stack training modules that simulated real-world development workflows, including collaboration between frontend and backend teams.

Presenter PMB – Indonesian Institute of Technology

JANUARY 2024 – **JANUARY 2026**

- Represented the university at strategic recruitment events and academic fairs to promote study programs to prospective students.
- Delivered clear and engaging presentations on academic programs, campus facilities, and institutional strengths to diverse audiences.

Computer Science Lab Assistant – Indonesian Institute of Technology

SEPTEMBER 2023 – **JANUARY 2026**

- Guided students in understanding fundamental and advanced programming concepts through hands-on assistance.
- Evaluated and graded student assignments and projects, providing constructive feedback.

EDUCATIONS

Indonesian Institute of Technology – Informatics Engineering

2022 – February 2026 (Expected) | GPA 3.80
Accelerated study track (3.5-year completion).

SMK Letris Indonesia 2 – Network Engineering

2019 - 2022 (Graduated) | Average grade 90.07
Achievements:

- 1st Place, IT Network System Administrator Competition – Letris 1 vs Letris 2.
- 2nd Place, IT Network System Administrator Competition – South Tangerang City Level.

HARD SKILLS

Programming Languages
TypeScript, JavaScript.

Web Programming Tools
Next.js, React.js, TailwindCSS, Express.js, Node.js.

Other Tools
Trello, Postman, Prisma, Sequelize, Zustand, Strapi, Framer Motion, MySQL, MongoDB, Firebase, Axios, Shadcn/ui.

SOFT SKILLS

Leadership, Communication, Teamwork, Adaptability, Problem-Solving, Time Management, Creativity, Critical Thinking.

SELECTED PROJECTS

Notu.ai – www.rajalam.vercel.app/projects/notuai

- Developed a web-based meeting transcription platform featuring real-time speech-to-text, speaker diarization, chatbot, and AI-generated meeting notes.
- Built interactive dashboards, kanban boards, and collaborative interfaces for managing meeting insights and action items.
- Integrated real-time audio processing and backend AI services into a responsive, user-centered frontend experience.

Technology: **Next.js, TypeScript, TailwindCSS, WebSocket, Whisper, OpenRouter, MongoDB.**

SIDATA – www.rajalam.vercel.app/projects/sidata

- Built RESTful APIs to manage community service data and generate QR codes for easier public service access.
- Implemented authentication and authorization to control user roles and data visibility.

Technology: **React.js, TailwindCSS, TypeScript, Express.js, MySql.**

Tracking & Inventory Garment – www.rajalam.vercel.app/projects/garmen

- Translated UI designs into responsive frontend components and handled API-driven data rendering for inventory tracking.
- Collaborated with backend developers to integrate stock management workflows.

Technology: **Laravel, TailwindCSS, PostgresSql.**

ForUMKM – www.rajalam.vercel.app/projects/forumkm

- Translated UI designs into responsive, production-ready frontend components.
- Integrated frontend with backend APIs for dynamic product and data display.

Technology: **Next.js, TypeScript, TailwindCSS.**

Noir Social Media App – www.rajalam.vercel.app/projects/noir

- Developed interactive social media interfaces including posts, likes, comments, and follow/unfollow features.
- Designed and implemented a clean, responsive UI and integrated frontend with a Strapi-based backend.

Technology: **Next.js, TailwindCSS, Strapi, JavaScript.**

Ayovote Online Voting Web App – www.rajalam.vercel.app/projects/ayovote

- Designed and implemented a responsive voting interface with real-time result updates.
- Integrated Google OAuth and managed authenticated voting flows end-to-end.

Technology: **Next.js, TailwindCSS, TypeScript, MongoDB.**