

Raj Alam

An active Informatics Engineering student at the Indonesian Institute of Technology with a specialization in **full-stack web development**, primarily focused on **frontend** technologies.

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 city of South Tangerang (Tangsel).
- 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

- Worked on and managed several real projects for clients.
- Contributed to the development of various web projects using modern technologies such as Laravel, Filament, and TailwindCSS.

Reasearch and Development – Informatics Engineering Student Association (HMIF)

FEBRUARY 2024 - **PRESENT**

- Responsible for teaching full-stack web development through workshops and bootcamps organized by HMIF.
- Developed full-stack training modules that mirror industry practices by integrating collaboration between frontend and backend teams.

Presenter PMB – Indonesian Institute of Technology

JANUARY 2024 – **PRESENT**

- Representing the university at strategic event booths to promote academic programs to prospective students.
- Delivering engaging presentations about study programs, campus facilities, and the institution's key advantages.

Computer Science Lab Assistant – Indonesian Institute of Technology

SEPTEMBER 2023 - **PRESENT**

- Delivering guidance to students to enhance their understanding of fundamental and advanced programming concepts.
- Assessing and grading students based on their performance in tasks and projects.

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www.github.com/rajalamdev

EDUCATIONS

Indonesian Institute of Technology – Informatics Engineering

2022 – present with GPA 3,78

SMK Letris Indonesia 2 – Network Engineering

2019 - 2022 (Graduated) with average grade 90,07

Achievements:

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

HARD SKILLS

Programming Language

JavaScript, TypeScript, PHP.

Web Programming Tools

Next.js, React.js, Laravel, TailwindCSS, Express.js, Node.js.

Mobile Programming Tools

React Native, Expo.

Other Tools

Zustand, Postman, Prisma, Sequelize, Strapi, Framer Motion, Mysql, MongoDB, Firebase, Axios, ShadCnUi.

SOFT SKILLS

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

SELECTED PROJECTS

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

- Developed RESTful APIs for an online voting system to ensure secure and efficient data handling.
- Implemented authentication and authorization logic to manage voter access.

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 data fetching from backend APIs
- Collaborated with backend team to integrate inventory management features.

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

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

- Built responsive UI from design to code using Next.js and TailwindCSS.
- Fetched and displayed dynamic data from backend APIs.

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

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

- Developed core social features like posts, likes, comments, and user interactions (follow/unfollow).
- Designed a clean UI and integrated backend using Strapi.

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

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

- Build a secure online voting with Google Authentication.
- Implementing real-time vote handling and result display.

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

Darunnajah School Information System – www.rajalam.vercel.app/projects/darunnajah

- Developed an academic information system for a boarding school.
- Designed and implemented responsive pages with interactive features.

Technology: **Angular, Bootstrap, TypeScript, PostgresSql.**

KelasKu eLearning Mobile App – www.rajalam.vercel.app/projects/kelasku

- Created a mobile e-learning app interface using React Native and Expo.
- Integrated responsive layouts and smooth user navigation.

Technology: **React Native, Expo, TailwindCSS.**

Monefy Money Management Mobile App – www.rajalam.vercel.app/projects/monefy

- Built a finance tracking app with real-time data sync using Firebase.
- Developed both UI and backend logic to support expense tracking features.

Technology: **React Native, Firebase, TailwindCSS, Expo.**