

# 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.

### Research 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.

rajalamdev@gmail.com

www.rajalam.vercel.app

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

Trello, Postman, Prisma, Sequelize, Zustand, 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](http://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](http://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](http://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](http://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](http://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](http://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](http://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](http://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.**