

# Raja Saputera

Frontend Engineer | React.js | Next.js | TypeScript

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## PROFESSIONAL SUMMARY

Frontend Engineer with 3+ years of experience building school ERP systems, booking platforms, and responsive web apps with React.js, Next.js, and TypeScript. Delivered 5 ERP modules for 400+ users and a booking platform used by 5,000+ active students. Day to day, I turn business requirements into role-based screens, integrate REST APIs (20+ so far), manage state with Redux and Zustand, and write unit tests in Agile teams.

## TECHNICAL SKILLS

**Core Technologies:** HTML5, CSS / SCSS / SASS, JavaScript (ES6+), TypeScript

**Frameworks & Libraries:** React.js (Hooks, Lifecycle), Next.js, Node.js (Express.js), Redux, Zustand, Context API

**Architecture & Testing:** RESTful APIs, OOP Concepts, Unit Testing (Jest, React Testing Library), Dependency Injection

**Tools & Environment:** Git / GitHub / GitLab, Google Cloud Platform (GCP), Jira, Trello, Slack

**Soft Skills:** Logical Thinking, Problem Solving, Agile/Scrum, Cross-functional Collaboration

## PROFESSIONAL EXPERIENCE

### Frontend Engineer

Future Gate High School

May 2023 – Present

- Led the frontend architecture, in React.js and TypeScript, for 5 ERP modules (Academic, Admissions, HR, Finance, Inventory) used by every department in the school.
- Designed role-specific screens for 400+ users that cover the school's administrative work, from student enrollment to payroll.
- Integrated 20+ REST APIs and organized state in Redux and Zustand so records and transactions stay in sync across the connected modules.

### Software Developer (Remote)

Chup Online

Sep 2024 – Jun 2025

- Built a full-stack dormitory and hotel booking platform for students of Universiti Kebangsaan Malaysia (UKM): responsive React.js interfaces plus REST APIs in Node.js and Express.js.
- Designed both the booking flow students use and the API and database logic behind it; the platform serves 5,000+ active UKM students.
- Integrated a payment gateway on the client and the server so students can pay for dorm rentals and hotel bookings online.
- Worked remotely in an Agile team of 10+ developers and designers across Indonesia and Malaysia, and kept the app's performance steady from sprint to sprint.

### Cloud Computing Cohort

Bangkit Academy (Google, Tokopedia, Gojek, Traveloka)

Feb 2023 – Jul 2023

- Designed and built an admin dashboard in React.js on top of a REST API for managing the app's data.
- Worked on the backend team of a waste-scanning capstone app and deployed the service on Google Cloud Platform (GCP).

### Frontend Engineer (Internship)

Dot Indonesia

Feb 2023 – Apr 2023

- Built pages for the redesign of the DPR (Indonesian House of Representatives) website with React.js and Next.js.
- Implemented responsive, interactive layouts in HTML5 and CSS/SCSS.

## EDUCATION

### Bachelor of Computer Science, Institut Teknologi Sumatera

Relevant Coursework: Web Programming, Software Engineering, Object-Oriented Programming (OOP), Data Structures & Algorithms, Human-Computer Interaction (UI/UX), Database Systems, Cloud Computing.

### Fullstack Web Developer Bootcamp, Skilvul

Jun 2023 – Dec 2023

- Selected as 1 of 12 participants from 500+ applicants. Training covered HTML, CSS, JavaScript, Express.js, and React.js.