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ORGANIZATIONAL & COMMITTEE EXPERIENCE

Lead Web Developer	**RISTEK Fasilkom UI**	**Feb 2020 – Present**

RISTEK is an independent organization in the Faculty of Computer Science, Universitas Indonesia, that aims to foster students' interest and talent in technology. Web Development SIG is one of Ristek's SIG that focuses on learning and building projects using the latest and modern web technologies.

- Accepted as **1 of 5** Junior Members out of **73 other registrants**.
- Asked to be **Lead Web Developer** through closed recruitment in the next year.
- Currently acting as one of the **maintainers** at Ristek Open Source (Github).
- Taught in one of the internal classes on the topic React Lifecycle and Hooks.
- Currently acting as a **mentor** to one member in learning and development of the projects of RISTEK's Web Development SIG; such as SusunJadwal revamp, freshmen onboarding web (web PMB) 2021's iteration, and other external projects (by-demand).
- Tech-stacks: **React** (Next.js, create-react-app), **Redux**, **Django** (Django REST), **Tailwind CSS**, **styled-components**

Head of IT Force Bureau	**FUKI Fasilkom UI**	**Feb 2020 – Jan 2021**

FUKI is an independent muslim organization in the Faculty of Computer Science, University of Indonesia, that serves as a place for the muslim students to study and together spread the teachings of Islam. IT Force Bureau is an organizational unit within FUKI whose job is to develop and maintain FUKI's IT system.

- Leading **a team of 10**, including **3 senior developers**, **4 junior developers**, and **1 UI designer**.
- Successfully conducted a **system migration** on FUKI's IT system; migrated from Django-based architecture to Django REST Framework as back-end and React (Next.js) as front-end. In which the migrated app includes FUKI's web profile, internal design & publication information system web (SIPUT), and mentoring web.
- Successfully implemented some new features as a junior member that significantly improved the functionalities of SIPUT. Features mentioned are **push notifications** using Django SMTP, **issue posting feature**, and **UI revamp**.
- Tech-stacks: **React** (Next.js, create-react-app), **Redux**, **Django** (Django REST), and **Chakra UI**

EDUCATION

Bachelor of Computer Science	**Universitas Indonesia**	**July 2019 – Feb 2023 (Expected)**

- Relevant Courseworks: Data Structure and Algorithm, Operating Systems, Web Programming and Design, Programming Foundation, Discrete Mathematics, Calculus, Statistics and Probability, Database, Computer Networks, Linear Algebra, Advanced Programming, Software Engineering
- Elective Courseworks: Functional Programming, Image Processing, Information Retrieval

TECHNICAL EXPERIENCE

Selected Projects

- SusunJadwal. A website to help the students of Universitas Indonesia to plan their academic schedule. Implemented. Managed to get approximately **5000+ users**, **6500+ created schedules**, and **135.000+ page visits** in less than a week. Created using **Flask**, **MongoDB**, **RabbitMQ**, **React** (create-react-app), **Redux**, **styled-components**, and **Chakra UI**.
- Freshmen Onboarding Website (web PMB 2021). Latest iteration of web PMB, with new design, AI-powered Tinder-like friend system. Managed to reach **1300+ users**, **494.000+ page visits**, and **49 minutes of average engagement time** within the first 30 days of use. Covered by many local medias, such as Liputan6.com, ANTARA news, SINDOnews, etc. Created using **Prisma**, **React** (Next.js), **Redux**, **Chakra UI**.
- Freshmen Onboarding Website (web PMB 2020). An onboarding website with up to **1000+ users daily**, whose purpose is to help introduce the freshmen of Fasilkom UI on the faculty's academics and cultures. Created using **Django REST Framework**, **React** (create-react-app), **Redux**, and **styled-components**.
- RISTEK Open Recruitment Website (2021). Website used for the event of 2021's RISTEK Open Recruitment. Created using **React** (Next.js), **Redux**, **Tailwind CSS**, and **styled-components**.

Languages & Technologies

- **Languages:** Javascript; Typescript; Python; Java; Haskell; HTML; CSS; SQL (PostgreSQL, SQLite)
- **Libraries & Frameworks:** React (Next.js, create-react-app, Gatsby); Redux; Django (Django REST Framework); NodeJS; ExpressJS; Spring Boot; Tailwind CSS; Chakra UI; Twin
- **Tools:** Linux (Ubuntu, Pop_OS!, Debian); Git; Docker; Selenium; Postman; Azure; GCP; AWS; MongoDB