SYIFA KAFFA BILLAH

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Syifa is a final-year Computer Science student at the University of Indonesia with a strong interest in full-stack development. She is a quick learner who easily adapts to new environments. She has experience delivering real-world applications for various clients and aims to build impactful solutions as a Software Engineer.

EDUCATION

University of Indonesia, Faculty of Computer Science **Depok**
Bachelor in Computer Science, GPA: 3.71 / 4.00 **2022 - Present**
Relevant Coursework: Software Engineering, Database Systems, Artificial Intelligence & Data Science

TECHNICAL SKILLS

Programming Languages: Java, Python, SQL, JavaScript, CSS, HTML, TypeScript
Database: PostgreSQL, Supabase
Framework: Django, Spring Boot, Next.Js, Flutter, Vue, Nuxt
Tools: Git/GitHub/GitLab, Visual Studio Code, SonarCloud, Postman, Microsoft Office
Design: Figma, Draw.io

EXPERIENCE

Pusat Administrasi UI, *Frontend Engineer Intern* **February 2025 - December 2025**
- Developed the frontend systems for the graduation and parking platforms using Vue.js and TypeScript.
- Built core features such as registration flows, role-based access control, parking subscriptions, and dynamic reporting.
- Integrated frontend with RESTful APIs and implemented route protection using role-based access middleware
- Designed UI mockups and user flows using Figma to align with responsive and component-based development.

PROJECT EXPERIENCE

SOFTWARE DEVELOPMENT PROJECTS

HRIS AP2HI, *Fullstack Engineer* **September 2025 - December 2025**
- Developed an integrated HRIS to manage attendance, staff profiles, organizational data, and administrative correspondence.
- Built responsive frontend features using Nuxt (Vue.js) and implemented backend services with Java Spring Boot.
- Implemented master data management and staff profile visualization using analytical charts.
- Integrated frontend and backend via REST APIs to ensure reliable and consistent data flow.

Wisuda UI, *Frontend Engineer* **February 2025 - December 2025**
- Designed UI mockups for the graduation system using Figma.
- Developed the frontend using Vue.js and TypeScript, including features like registration forms, admin dashboards, and dynamic reports.
- Implemented role-based access control using meta routes and integrated with Keycloak.
- Integrated frontend with REST APIs and deployed the system to the DSTI development server.

Parkir UI, *Frontend Engineer* **February 2025 - September 2025**
- Built the frontend system using Vue.js and TypeScript with personalized interfaces for users, admins, and verifiers.
- Developed features such as vehicle management, parking subscription, role-based navigation, and master data reporting.
- Implemented protected routing and role validation through page meta configuration integrated with Keycloak.
- Collaborated with backend teams for REST API integration and supported deployment to the DSTI development server.

Second Treasure, *Fullstack Engineer* **March 2024 - May 2024**
- Responsible for the CRUD Sell Feature and Order Management, handling end-to-end development as a Fullstack Engineer.

- Utilized Next.js for frontend development and Spring Boot for backend implementation.
- Deployed the platform on Google Cloud Platform with SonarCloud integrated into CI/CD pipelines via GitHub for automated deployment, bug detection, code smell analysis, code security checks, and test coverage monitoring.

IAST Connect, *Backend and Frontend Engineer*   **June 2024 - July 2024**
- Led backend development, including organizing technical documentation and building the backend system using Django.
- Developed CRUD functionality for admin content management and implemented the home page interface using Next.js and Tailwind CSS.
- Played a key role in both backend and frontend engineering to deliver a seamless and efficient platform.

ReadHub, *Backend and Frontend Engineer*   **October 2023 - December 2023**
- Developed both web and mobile versions of ReadHub with optimized UI for responsive and mobile-friendly experiences.
- Implemented key features including category browsing, search functionality, and favorites management.
- Utilized Django for backend development, and Flutter (Dart) and Bootstrap CSS for frontend implementation.

Marmut Music, *Backend and Frontend Engineer*   **March 2024 - May 2024**
- Modeled the system architecture using ERD and class diagrams, and implemented the backend with Django utilizing SQL for efficient data management.
- Created a responsive and interactive frontend using JavaScript and HTML to enhance user experience.

ADDITIONAL EXPERIENCE

TEACHING EXPERIENCE

Faculty of Computer Science, University of Indonesia   **August 2023 - Present**

Teaching Assistant (Software Engineering, Discrete Mathematics 2, and Numerical Analysis), Contract Employee
- Assisted 10+ students per semester in understanding course content and solving complex problems.
- Created challenging problem sets for homework and quizzes, ensuring a high level of analytical thinking.
- Supervised quizzes, facilitated class discussions, recorded participation points, and managed student administrative records efficiently.

ORGANIZATIONAL EXPERIENCE

Forum Ukhuwah dan Kajian Islam Fasilkom UI, *Internal Control Staff*   **January 2025 - January 2026**
- Coordinated bidding process (fit and proper test) for Executive Board positions and SIWAK NG committee, ensuring transparent candidate selection.
- Managed stakeholder communication between bidders and panelists while serving as MC and timekeeper during evaluation sessions.
- Ensured objective and orderly selection process through systematic procedural oversight.

Forum Ukhuwah dan Kajian Islam Fasilkom UI, *Human Resource Development Staff*   **August 2023 - January 2024**
- Executed human resource development programs to enhance organizational capacity and member engagement.
- Led "Remember Your Friend" (RYF) initiative, improving cross-functional collaboration and member networking.
- Served as liaison between HR Development and QILC division, streamlining interdepartmental communication and project coordination.

SIWAK-NG, *Secretary*   **August 2023 - December 2023**
- Prepared proposals, activity reports, and official correspondence to support organizational events.