

Timothy Subekti

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ABOUT ME

I am a passionate software engineer and a current student at the Bandung Institute of Technology, majoring in Technology and Information Systems. With expertise in front-end and back-end development, I excel in creating innovative software solutions. My strengths lie in critical thinking, collaboration, and a relentless pursuit of excellence. I thrive on challenges and continuously seek opportunities to apply my skills in developing user-centric applications that address real-world problems.

EDUCATION

Bandung Institute of Technology

August 2021 - Oct 2025 (Expected)

Bachelor of Engineering, Information System and Technology

- Current GPA: 3.61/4.00 (102 credits)
- Relevant Coursework : Database Modeling, Database Management, Software Engineering, Algorithm and Data Structure, Object-Oriented Programming, Integrated System, Information System Services, Enterprise Requirements Analysis, Enterprise Architecture, Information Security, Cryptography and coding, Mobile Platform & Application Development

Web Developer - SYNRGY Academy

(July 2023 - February 2024)

- Individual Hard Skill Core Score : 91.5 ; Final Project Score : 97.5
 - Mentored By Senior web developer Telkom Bandung
 - Acquired comprehensive skills in website development using HTML, CSS, pure JavaScript, and frameworks like Knex.js, React, Express, Bootstrap, and Tailwind CSS.
 - Developed proficiency in PostgreSQL and Docker for database management and containerization.
 - Focused on TypeScript for advanced coding practices.
 - Gained expertise in deployment strategies using Docker on Fly.io and Vercel, emphasizing CI/CD with Git workflows and unit testing with JEST.
 - Assumed the role of Tech Leader in a cross-disciplinary group consisting of Fullstack Web, Backend Engineering, Quality Assurance, Android, and UI/UX - Product Management, leading the team in the successful development of a final project – a flight ticket reservation website.
 - Developed valuable skills in project management, leadership, responsibility, and decision-making through the dynamic challenges encountered during the final project execution
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PROFESSIONAL EXPERIENCE

Frontend Engineer - PT Sprint Asia

(May 2024 - July 2024)

Tech Stack : Typescript, Clojure, React, Styled-div

- Led the UI and feature revamp of the Metabase app.
- Used React.js, Styled-components, and Mantine for front-end development.
- Employed Clojure for back-end development.
- Improved user experience by integrating user-friendly UX and robust tooling.
- Gained proficiency in reading and understanding complex, commercial-grade codebases.

Frontend Engineer - PT HotelBook.id

(March 2024 - April 2024)

Tech Stack : HTML, Tailwindcss, javascript, vanilla css

- Created a website page from scratch using HTML, Vanilla JavaScript, Tailwind CSS, and native CSS.
- Developed an email template page to streamline communication processes.
- Designed and implemented a PDF template page to enhance document management and distribution.
- Ensured responsive and user-friendly design across all web pages.

Web Developer - Smart Path

(July 2023 - October 2023)

Tech Stack : Laravel, react, tailwindcss, sql

- Developed a user-friendly dashboard for product management using Laravel (Backend) and React (Frontend).
- Implemented RESTful API architecture to enhance backend communication and efficiency.

- Applied Atomic Design principles for building reusable and scalable front-end components.
- Adopted Scrum methodology, including daily stand-ups, sprint planning, and weekly sprint reviews.

Developer Leader - BIST LEAGUE

(June 2023 - December 2023)

Tech Stack : Next.js, go, tailwindcss,

- Refined specifications and requirements for developing the BIST League website.
- Oversaw and supervised the IT team in executing website development projects.
- Built the website using Next.js and Tailwind CSS, with a Golang for the backend system.
- Wrote well-designed and testable code following best software development practices.
- integrate data from back-end services and databases with frontend.
- Created and maintained software documentation.
- Implemented RESTful API architecture to enhance backend communication and efficiency.

IT Project Manager - HMIF ITB

(November 2022 - Ongoing)

- Creating a list of customer requirements by doing customer requirement analysis
- Building project charter that serves as a foundation for the project
- Monitoring and managing project process
- Solving various project's problems responsively and appropriately
- Evaluating IT project

SKILLS

- Database : MySQL, PostgreSQL, NoSQL, MongoDB, Firebase
 - Technical Programming Language : Typescript, Javascript, Python, Java, C, Haskell, Basic Pascal, HTML, CSS, PHP, Clojure
 - Website & Mobile development Framework : Next.js, React, Laravel, Codeigniter, express, React Native Expo
 - Development tools: knex.js, Prisma, Tailwind CSS, material ui, flowbite, daisyui, styled-component
 - Testing tools: Jest and supertest
 - Manage and development : Product Development, Research and Development, Project management, Analytical Skill, Requirement Analysis, Leading and Teamwork, Scrum, Agile
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ACHIEVEMENT

3rd Winner Pertamina Grand Challenge

(March 2023)

- Provides a strategy to leverage Pertamina's Green Energy Stations such as SPBKLU and SPKLU through an innovative SPBKLU subscription business model, solutive SPKLU technology, and marketing strategy.
- Succeed in competing with 9 finalists out of 50 teams.

2nd Winner Telkomsel Challenge

(February 2023)

- Creating Kuncie Website as a solution prototype using native php and bootstrap as css framework
 - Provides a strategy to upscale's Kuncie's program and enlarge its market size through a new loyalty program, expanding business model, new features, UI/UX optimization, and in-depth recommendation regarding Kuncie's B2B model.
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PROJECTS (MORE PROJECTS HERE : bit.ly/timothy_github & timothy-subekti.my.id)

Guestify App : Mobile Platform & Application Development Final Project

(May 2024 - June 2024)

Guestify is a digital guest management mobile application that streamlines event planning by replacing traditional, paper-based RSVP and guest book systems with modern, digital solutions

- Tech Stack: React Native, Express.js, NativeWind, Javascript, Node.js, firebase
- Built the mobile app UI based on designs provided in Figma, Developed the RESTFUL API backend, connect backend to firebase Integrated the backend and frontend, Deployed the backend app and built the APK using EAS Build.

Rajawali Air : SYNERGY bootcamp final project

(February 2024 - March 2024)

Rajawali Air offers flight ticket booking services via web and mobile apps, with a UI and system flow benchmarked to one of leading airfare and hotel search sites in Southeast Asia, Traveloka.

- Tech Stack: React, Tailwind CSS, TypeScript, Node.js, Java
- Built the frontend for the Rajawali Air web app,
- led a team of 9 frontend developers, managed Scrum processes, assisted team members, and created the web app infrastructure and schema.