

Fathan Naufal Adhitama

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PROFILE

A third-year student in Computer Science interested in Web Development. Having huge interest and seek experiences in managing and developing projects and organizing events. Looking forward to apply and develop my knowledge in the field of information and technology.

EDUCATION

University of Indonesia | Bachelor of Computer Science Depok, Indonesia | 2022 – Present

- Current GPA: 3.90 / 4.00

PROJECT

October 2023 – November 2023	Booka A full-stack web-based book reading community app built using Django, along with an Android mobile app developed using Flutter.
March 2024	B.link blinkitt.vercel.app A dynamic full-stack link shortener website with Next.js, delivering fast and efficient URL management
May 2024	Health Admission Data Analysis View project details Performed data analysis, built classification and regression models to predict patient outcomes, and used clustering to analyze relationships between health variables.
July 2024	BantuDidik An edutech supporting application for funding portal built in a 36-hours hackathon with Next.js and Express.js, featured by Google's Gemini AI API. Won the Wolfram Award.
October 2024 – November 2024	Automatic Speech Recognition and Text-to-speech for Sundanese Fine-tuned ASR and TTS models (Whisper, VCTK) for Sundanese, adapting to low-resource datasets. Implemented data preprocessing and speaker ID mapping, achieving a WER of 5% to enhance transcription accuracy

SKILLS

- Programming Language:** Python, Javascript, Typescript, Java
- Frameworks & Tools:** Next.js, Express.js, Nest.js, Django, Figma, Git, PyTorch, HuggingFace
- Languages:** Indonesian, English

ACHIEVEMENTS

July 2024	Wolfram Award Garuda Hacks 5.0 Develop an edutech supporting application for funding portal supported by Google's Gemini AI API in a 36-hours hackathon.
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ORGANIZATIONS

May 2024 – December 2024

Staff of Business and Partnership Bureau | BEM Fasilkom UI 2023

- Play a key role as a software engineer within the team to fulfill client requests.
- Conduct meetings with clients to discuss requirements for application development.
- Collaborate with the UI/UX team and Project Manager to develop applications.

February 2025 - Present

Web Development Lead | RISTEK Fasilkom UI

- Conducting internal classes for web development members, delivering frontend development training.
- Developing and maintaining an internal product used by 800+ Fasilkom students.
- Assisting in the recruitment process by reviewing applicants' code submissions and conducting technical interviews.

VOLUNTEERS

March 2023 – November 2023

Staff of Family Games Division | Pesta Rakyat Komputer 2023

- Worked with team to plan and develop exciting family games
- Learned to use a new application to run the game
- Played an important role as the operator of the application as the game running

July 2023 – November 2023

PIC of Operational Division | Open House Fasilkom 2023

- Coordinated 13 staff to fulfill operational needs of the events Attend meetings with other stakeholders to discuss operational needs of the events
- Successfully operated mobilization of Open House participants between two faculty buildings

November 2023 – January 2024

Web Developer | PEMIRA Fasilkom UI 2023

- Developed a responsive and user-friendly front-end web application for the BEM Fasilkom UI Chairman Election, serving 100+ voters.
- Successfully integrated legacy RESTful APIs into new frontend interfaces, ensuring smooth and reliable system performance.
- Implemented web security best practices to maintain the integrity and fairness of the e-voting process.

February 2024 – May 2024

VPIC of Family Games Division | Pesta Rakyat Komputer 2024

- Construct the entire series of the game to fit the new timeline of the event
- Supervised a team of 11 staff members in coordinating 3 online games and 5 offline games, ensuring smooth and enjoyable experiences for participants
- Successfully held the first ever offline Family Games for Pesta Rakyat Komputer.

April 2024 – November 2024

Software Engineer | COMPFEST 16

- Developed and maintained frontend and backend components for an event website with over 20,000 users.
- Participate in weekly scrum and continuously improve on team's performance
- Developing and maintaining robust RESTful API services