

Rian Hasudungan Tambunan

Web & AI/ML Developer

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🔗 <https://hasudungan0411.github.io/myportofolio/>



Profile

I am an active 5th-semester student at Politeknik Negeri Batam, majoring in Informatics Engineering. I have a strong interest in self-development in the fields of technology and organization, and have honed my leadership, teamwork, and communication skills. I am accustomed to working in project teams and am capable of analyzing and solving problems with a structured approach. I am enthusiastic about continuous learning and ready to face challenges in a dynamic work environment.

EXPERIENCE

Teaching Assistant, *Politeknik Negeri Batam*

06/2025 – 07/2025

Batam

Served as a non-SK lecturer assistant for the Database course, where I developed lecture materials and provided practical guidance to students. Played an active role in helping students understand database concepts and implementation using various database management systems.

EDUCATION

MIPA, *SMAN 1 BATAM*

07/2019 – 06/2022

Batam

SKILLS

Hard Skills

PHP, Python, JavaScript, HTML, CSS, Tailwind CSS, Laravel, Git, Visual Studio Code, Postman, Figma, MySQL, UML (Use Case, ERD, Sequence Diagram, Activity Diagram)

Soft Skills

Effective Communication, Leadership, Teamwork, Problem Solving, Time Management, Adaptability and Fast Learning

Software Skills

Microsoft Office (Word, Excel, PowerPoint)

ORGANIZATION

Himpunan Mahasiswa Teknik Informatika, *Members of the Education Division*

02/2024 – 12/2025

- Moderator, Batam State Polytechnic Company Seminar 2024
Has an important role as a moderator in a seminar involving companies, demonstrating good communication and event management skills.
- MC, Batam State Polytechnic Anniversary 2024
Trusted by lecturers to lead the Anniversary event, demonstrating public speaking and coordination skills in large events.
- Devotion, - Programming Class at SMAIT Fajar Ilahi Bengkong 2025

Selected as one of the teachers in the HMTI Mengajar program, providing programming training to SMAIT Fajar Ilahi Bengkong students for approximately two months. This program aims to provide knowledge and skills to students in the field of technology.

PROJECTS

Virtual Mouse AI-Powered Cursor Control , <i>Personal Project</i>	07/2025
Tech: MediaPipe, PyautoGUI, OpenCV, Time	
<ul style="list-style-type: none">This app controls the mouse with hand gestures via webcam, using MediaPipe, OpenCV, and PyAutoGUI. Hand movements like clenching simulate mouse clicks.	
Guide me - Website Smart Navigation With AI , <i>Semester 4 Project Team Leader</i>	02/2025 – 06/2025
Tech: Laravel, PHP, TailwindCSS, MySQL, JavaScript, OpenAI, Mapbox	
<ul style="list-style-type: none">Leading the team in developing a smart navigation website with AI chatbot integration to enhance user experience.Link Github: https://github.com/hasudungan011/guide-me	
Notulain AI - Website Automatic Transcription , <i>Semester 3 Members Team</i>	08/2024 – 12/2024
Tech: Laravel, PHP, TailwindCSS, MySQL, JavaScript, Python (Flask)	
<ul style="list-style-type: none">Participated in the creation of an AI-based automatic transcription website, focusing on the integration of AI models and database structures.Link Github: https://github.com/hasudungan011/minutes.ai	
Filmflix - Website Cinema Ticket Sales , <i>Semester 2 Members Team</i>	02/2024 – 06/2024
Tech: Laravel, PHP, TailwindCSS, MySQL, JS	
<ul style="list-style-type: none">Contribute to the development of cinema ticket sales platform, handling database management and integration.Link Github: https://github.com/hasudungan011/WebBioskop	
ThirtShop - Website clothing sales , <i>Semester 1 Project Team Leader</i>	08/2023 – 12/2023
Tech: PHP, HTML, CSS, JS, MySQL	
<ul style="list-style-type: none">Developed a database-driven clothing sales website.	