Aria Aura Rachman

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PERSONAL PROFILE

As a Telecommunication Engineering student at Telkom University with a strong passion for Cybersecurity, AIoT, and Machine Learning. Currently, im gaining hands-on experience as a research assistent at Cyber Physical System Labs, where I explore innovative solutions and cutting edge technologies in these fields.

ACHIEVEMENTS

National Finswimming Championship, Jakarta   May 2019

3rd men's 400m Bifins- Year 2019

PORKAB Finswimming, Garut   Oct 2021

1st men's 50m Surface- Year 2021

1st men's 50m Apnea- Year 2021

1st men's 4x50m Surface- Year 2021

1st men's 4x100m Surface- Year 2021

2nd men's 100m Bifins- Year 2021

2nd men's 100m Surface- Year 2021

2nd men's 4x50m Bifins- Year 2021

Open Shark Finswimming Championship, Bandung   Aug 2023

1st men's 4x100m Surface- Year 2023

3rd men's 50m Surface - Year 2023

3rd men's 100m Surface- Year 2023

Professional Experience

SMPN 1 Garut   2020-2021

Head Division of Multimedia

- Lead the team to take part in big event.
- Actively involved in pioneering new initiatives as part of organizational activities.

Cyber Physical System Laboratory   2025-Present

Research Assistant | Human Resource staff

Project Experience

Catering app   Jun 2025

Fullstack Developer | NextJs, Firebase, NextAuth, TailwindCss

- Developed a modern catering web application with user authentication and admin dashboard.
- Implemented email/password login and registration using Firebase Authentication and NextAuth.
- Built a protected admin dashboard to manage and delete menu items.
- Designed a responsive and user-friendly interface using Tailwindcss and Radix UI.

Real-Time Chat app   Jul 2025

Fullstack Developer | NextJs, Socket.IO, Express.Js, TailwindCss

- Developed a real-time chat application with instant mesagging and live user presence using Socket.IO.
- Designed and implemented a modular frontend using Next.Js 15 and Typescript with App Router.
- Built scaleable backend with Express.Js, supporting WebSocket communication and RESTful APIs.
- Create responsive, clean UI with TailwindCss, Radix UI, and Lucide icons.

Education Level

SDIT Persis Tarogong, Garut   2013-2018

SMPN 1 Garut , Garut   2018-2021

SMAN 1 Garut, Garut   2021-2024

Telkom University, Bandung   2024-2028(expected)

Skills and Languanges

- **Hard Skills:** HTML, CSS, JavaScript, Express.Js, Next.Js, Firebase, PostgreSQL, Linux, Postman DBeaver, Vercel, Arduino, Phyton, Ethical Hacking, Git, Node.Js, C.
- **Soft Skills:** Time management , Leadership, communication, teamwork, adaptability.
- **Language:** Indonesian (Native), English(Advanced), Korea(Basic) .

PROGRAMMING LANGUAGE

- React(Intermediate)
- JavaScript(Intermediate)
- Next.Js(Intermediate)
- Express.Js(Intermediate)
- React-Native(Beginner)
- Typescript(Intermediate)
- Socket.IO (Beginner)
- HTML(Expert)
- CSS(Expert)
- Python(Intermediate)
- C(Intermediate)