

Tristan Agra Yudhistira

Jakarta, Indonesia

[+6288232850738](tel:+6288232850738) | tristanagraa@gmail.com | www.tristan-agra.vercel.app

EDUCATION

University of Indonesia
Bachelor of Computer Science

Aug 2023 - Present
Jakarta, Indonesia

WORK EXPERIENCES

Fasilkom UI
Teaching Assistant of Programming Basics 2

Jan 2025 - Jun 2025
Jakarta, Indonesia

- Reviewed students' practice exercises and provided constructive feedback.
- Supervised the lab weekly and answered students' questions during lab sessions.
- Prepared assistance sessions for exam preparation.

Economic Space
Web Developer Associate (Part Time)

Aug 2024 - Apr 2025
Surabaya, Indonesia

- Developed a website for tutor services in economic fields using Laravel PHP.
- Implemented user registration and payment functionalities, including static QR code integration, to enhance user experience.
- Led a team of 7 Web Developer Associates, managing code merging and ensuring the delivery of fully functional features.

Lucas Djaja
Backend Developer (Freelancer)

Oct 2024 - Jan 2025
Jakarta, Indonesia

- Developed backend architecture using NestJS and created API documentation for seamless development.
- Designed a database following company standards.
- Implemented Admin and E-Commerce APIs, integrating a payment gateway, order status management, and a delivery system.

Ilmu Padi Bisnis TIK Gemastik Team
Fullstack Developer Web Project (Freelancer)

Aug 2024 - Sep 2024
Jakarta, Indonesia

- Developed a website to monitor blood sugar levels based on food intake, resulting in 2nd place in the competition.
- Implemented barcode OCR to track sugar and calorie intake, visualized with charts.
- Developed a membership system with basic and pro user tiers.

ORGANIZATION EXPERIENCES

COMPFEST 17 Fasilkom UI
Vice Manager of IT-Development Field

Jan 2025 - Present
Jakarta, Indonesia

- Led two divisions, Software Engineering and UI/UX, managing a total of 24 members.
- Created and monitored development timelines using Scrum methodology.
- Collaborated directly with product owners to understand and refine product requirement documents.

BETIS Fasilkom UI
Vice Person in Charge of Web Development Division

Oct 2024 - Mar 2025
Jakarta, Indonesia

- Led a team of six developers, ensuring smooth code integration and timely delivery to the product owner.
- Collaborated closely with other divisions, especially product owners, to align development with project goals.
- Implemented a tryout system using Markdown for questions and WebSocket for real-time exam interactions.
- Conducted code reviews and provided mentorship to team members to enhance development quality.

BEM Fasilkom UI
Software Engineer Division at Business & Partnership

Jun 2024 - Des 2024
Jakarta, Indonesia

- Developed a tailored website for an external client, delivering a customized and user-friendly solution that met their specific needs.
- Collaborated closely with the client to understand project requirements, ensuring successful implementation and client satisfaction.
- Provided training and mentorship to BEM intern staff, enhancing their technical skills and knowledge in web development.

BEM UI

Mar 2024 - Des 2024

Software Engineer of Multimedia Bureau

Jakarta, Indonesia

- Developed a Multi-Event Recruitment Platform “Sistem Perekrutan Terbuka” using Next.js, enabling multiple organizers to efficiently manage open recruitment for various events.
- Integrated Firebase NoSQL for robust data storage and real-time updates, ensuring a scalable and responsive user experience.
- Implemented a modern and intuitive user interface utilizing ShadCN and Framer Motion, enhancing the platform's visual appeal and interactivity.

Open House Fasilkom UI

Jul 2024 - Nov 2024

Software Engineer Expert Staff

Jakarta, Indonesia

- Built and optimized a dynamic user interface using Next.js and Tanstack Query, enhancing performance and data handling on the web platform.
- Developed a website to introduce Fasilkom UI to the general public, expected to be viewed by over 800 users.
- Managed the backend using Hono, Prisma ORM, and Neon for efficient and robust functionality.

AWARDS

HackJakarta

Jul 2024

Achieved 3rd place in the Financial Inclusion track at HackJakarta by AngelHack as a Full Stack Developer. Developed an innovative C2C marketplace for arts website utilizing cryptocurrencies to enhance financial accessibility. Utilized Next.js for the frontend and NoSQL Firebase for the database and authentication.

GDGoC UI Hackathon 2025 Hackathon

May 2025

Achieved 1st Runner Up in Google Developer Groups on Campus University of Indonesia Hackathon. Developed Binaguru, an AI-powered educational platform that empowers teachers to enhance their teaching skills through personalized, auto-generated course content. The system analyzes educational videos to provide detailed learning analytics, then automatically creates course modules and lesson plans (RPP). Leveraged AI to streamline content creation and support professional development for educators. Contributed to both backend AI integration and frontend user experience.

Skills

Languages : Python, Javascript, Typescript, Java, PHP, Golang, Dart.

Frameworks : React (NextJs, React Router), NestJs, Vue(Nuxt), Laravel, Go Fiber, Django, NodeJs, React Native (Expo), Flutter, Spring Boot.

Tools : Git, Apidog, Docker, AWS, Firebase, Kubernetes, Grafana.

Database : PostgreSQL, NoSQL, SQLC, SQLite, PrismaORM.

Linguistics : English (Fluent), Indonesia (Native).