REYNALDI NEO RAMADHANI

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Informatics student at Institut Teknologi Sepuluh Nopember (ITS) with hands-on experience in full-stack web development. Solid foundation in frontend technologies and a growing specialization in backend systems, API design, and cloud infrastructure. Passionate about building scalable, production-grade applications through real-world projects, cross-functional collaboration, and continuous learning. Explore more about me at reynaldineo.com/about.

Education

Institut Teknologi Sepuluh Nopember - **Surabaya, Indonesia**   Aug 2022 - Apr 2026 (Expected)

Bachelor of Computer Science, 3.72/4.00

- Administrator of Software Engineering Laboratory.
- Teaching Assistant for Database Systems, Design and Analysis of Algorithms and Software Design.

Work Experiences (Selected)

Jovote - **Surabaya**   Jan 2025 - Mar 2025

Backend Developer Golang

Jovote is a marketplace platform in Indonesia specifically dedicated to pageant events, focusing on various pageant-related activities.

- Developed voting domain logic including vote purchasing, ranking calculations, and user tracking.
- Integrated payment processing using Midtrans API and SMTP for email notifications.
- Built backend services with Go Fiber and GORM, ensuring clean RESTful API design.

Direktorat Pengembangan Teknologi dan Sistem Informasi ITS - **Surabaya**   Aug 2024 - Dec 2024

Laravel Developer

Direktorat Pengembangan Teknologi dan Sistem Informasi (DPTSI) at ITS manages the development of technology and information systems to support academic, research, and operational activities at ITS.

- Migrated legacy UI to a new design and extended backend functionalities using Laravel with Single Sign-On (SSO).
- Integrated with Zoom License API to support internal virtual meeting management.
- Followed modular database principles to support system scalability and maintainability.

UKM Expo ITS 2024 - **Surabaya**   Apr 2024 - Aug 2024

Lead Full Stack Web Developer

An event organized by the Directorate of Student Affairs at ITS University to help new students learn more about extracurricular activities. On the final day (closing), a guest artist is invited to perform a concert. In 2024, the artist featured was Reality Club.

- Developed and maintained responsive UIs using Next.js, TypeScript, Tailwind CSS, React Query, React Hook Form, Zustand.
- Built scalable backend APIs using Go (Gin), GORM, and PostgreSQL, ensuring high throughput for concurrent users.
- Engineered a ticketing system supporting 12,000+ users and 4,500 concurrent ticket sales with no race conditions.
- Integrated secure online payment gateway using Xendit and Midtrans
- Managed deployment on Google Cloud Platform (GCP), set up NGINX reverse proxy, and configured SSL certificates.
- Collaborate cross-functionally with event, marketing, and finance teams to translate requirements into system features.

Dinas Pendidikan Kota Surabaya - **Surabaya**   Jan 2024 - Jun 2024

Frontend Web Developer

Manage the PPDB (Penerimaan Peserta Didik Baru) for elementary schools in Surabaya, ensuring equal access to education through a transparent and efficient enrollment process, utilizing technology to streamline registration and school selection..

- Refactored the PPDB (Penerimaan Peserta Didik Baru) portal using Next.js with Static Site Generation (SSG).
- Deployed a statically exported Next.js frontend to Google Cloud Storage, using Cloudflare for global CDN and caching, improving scalability and uptime during peak enrollment periods.
- Enabled smooth processing for 20,000+ student applications, ensuring UI responsiveness under load.
- Implemented responsive design using React.js and Tailwind CSS, enhancing mobile and desktop experiences.
- Conducted end-to-end testing with Cypress, ensuring reliability and accessibility.
- Gathered user feedback and improved usability through iterative design cycles.

TEDxITS 2024 - **Surabaya**   Feb 2024 - May 2024

Backend Developer Golang

TEDx is a program of independently organized events licensed by TED, bringing local communities together to share "ideas worth spreading." TEDx ITS, organized by ITS University, features inspiring talks with an integrated ticketing system for smooth registration.

- Developed backend services using Go (Gin), GORM, ensuring scalability and high performance.
- Built JWT-based user authentication and role-based access control for secure account management.
- Created secure email-based password reset functionality, ensuring smooth recovery workflows.

INI LHO ITS 2024 - Surabaya   Sep 2023 - Mar 2024

Lead Frontend Web Developer

Ini Lho ITS! 2023 is an annual event organized by ITS University, helping high school students explore academic majors through activities like Open Campus, Visit, and Welcome. The event features a ticketing system with payment methods for easy registration.

- Led a team of 6 frontend developers in designing, building, and maintaining high- performance, responsive web applications using TypeScript, Next.js, Tailwind CSS, and other.
- Collaborate closely with UI/ UX designers, backend developers, and product managers to deliver seamless, user- friendly, and responsive web solutions.
- Managed and mentored a team of junior developers, conducting regular code reviews and providing ongoing training, which resulted in a 25% reduction in code-related bugs and a 40% improvement in overall team productivity.

See more my experience or my projects in my portfolio.

Organisational Experience (Selected)

Himpunan Mahasiswa Teknik Computer-Informatika - Surabaya   Mar 2024 - Nov 2024

External Affairs Staff

- Conducted benchmarking visits with student organizations: Biomedical Engineering (Unair), Electrical Engineering (ITS), and Industrial Engineering (ITS)
- Organized a company visit to Gameloft Game Studio to enhance industry insights
- Served as Master of Ceremony during the benchmarking event with Biomedical Engineering Student Association (UNAIR)
- Initiated and coordinated a technology talk show featuring two prominent speakers from the tech industry

ELITExPERSAF - BEM FTEIC - Surabaya   Sep 2023 - Nov 2023

Event Staff

- Design and create concepts about storylines showcases.
- Search for a talent showcase and be responsible for it.
- Create and design stage and exhibition concepts

GERIGI ITS - Surabaya   Jul 2023 - Aug 2023

Secretarial Staff

- Accompany each new student activity in small groups
- Organize and coordinate new student activity paths
- Checking the attendance and assignments of new student

Technical Skills

- Frontend: Next.js, React.js, TypeScript, Tailwind CSS, React Query (TanStack), Zustand, React Hook Form, Redux.
- Backend: Go (Gin, Fiber), Laravel, Node.js (Express), Java (Spring Boot).
- Database: PostgreSQL, MySQL, Redis, Firebase, MongoDB, SQLite.
- DevOps: Google Cloud Platform, Docker, NGINX, GitHub Actions.
- Tools: Cypress, Git, Figma, Postman, Swagger, Midtrans, Xendit.