

HELMI TAQIYUDIN

+62 877 4222 8411 | helmitaqiyudin@gmail.com | linkedin.com/in/helmitaqiyudin | h3l.me

Surabaya, Indonesia

I'm a Fresh graduate in Informatics Engineering with experience in software development, particularly in web and mobile applications. Specialized in modern technologies like Next.js, TypeScript, and Flutter.

EDUCATION

Institut Teknologi Sepuluh Nopember - Surabaya

Sep 2020 - Sep 2024

Degree in Informatics Engineering

- Bachelor of Computer Science (S.Kom) degree, graduated with a CGPA of 3.47. Developed a thesis project, myITS Housing, a web application designed to manage housing on campus, enhanced with virtual reality features to help the housing team find houses more easily. Placed heavy emphasis on full-stack web and mobile app development.

WORK EXPERIENCE

Direktorat Pengembangan Teknologi dan Sistem Informasi (DPTSI) ITS - Surabaya, Indonesia

Jan 2024 - Jun 2024

Software Engineer

DPTSI ITS develops and manages IT infrastructure and information systems at Institut Teknologi Sepuluh Nopember.

- Developed "myITS Housing" web application with the team of 3 utilizing Next.js, Mapbox GL JS, AR.js, and Go.
- Added location-based services in the application by designing and integrating augmented reality (AR) functionality.
- Performed comprehensive testing to verify the precision and dependability of AR marker positioning and key application functionalities.

SKK Migas - Surabaya, Indonesia

Jun 2023 - Oct 2023

Software Engineer

SKK Migas is the Indonesian government agency responsible for regulating and supervising upstream oil and gas activities.

- Developed "ILOG E-commerce" marketplace for SKK Migas, demonstrating expertise in developing robust e-commerce platforms.
- Revamped and executed Front-End solutions for KKKS and vendor platforms, enhancing user experience and functionality.
- Fixed bugs in existing components by collaborating with the team, showcasing teamwork and problem-solving skills.

VOLUNTEER AND ORGANIZATIONAL EXPERIENCE

Schematics Reeve ITS 2022

Mar 2022 - Nov 2022

Senior Staff, Production

- Conducted research to identify the most suitable locations and vendors for the event, ensuring quality and budget alignment.
- Created detailed maps and layouts to maximize space usage and ensure smooth flow during the event.

Schematics NPC ITS 2021

Mar 2021 - Oct 2021

Liaison Officer

- Successfully ensured communication flow between participant and organizer during the event
- Maintained fair and honest competition by overseeing participants throughout the event.

SKILLS

- Technical Skills:** Next.js, Node.js, Flutter, Express, Hono, C/C++, Go, Python
- Organizational Skills:** Teamwork and Planning, Analysis, Problem-Solving, Adaptability, Attention to detail