

AKMAL ZAKI ASMARA

☎ (+62) 81336427692

@ zakiasmara11@gmail.com

🔗 <https://github.com/akmalzakia>

SUMMARY

Passionate Software Engineer in developing extended reality systems and web applications. Interested deeply in Computer Graphics and Frontend Engineering with an advanced comprehension in both topics. Experienced in research and working professionally.

EXPERIENCE

Software Developer Engineer Intern - Frontend

PT. Global Digital Niaga (Blibli.com)

📅 02/2022 - 01/2023 📍 Jakarta, Indonesia

- Developed multiple interactive and responsive User Interfaces for the Blibli Product Detail Page and Review Page
- Assisted in improving website core web vitals and minimizing page load improving the website performance by 10%
- Optimized and reduced integration test flakiness in Product Detail Page and Review Page repository increasing build success rate by 30%

EDUCATION

Bachelor of Informatics

Institut Teknologi Sepuluh Nopember

📅 08/2019 - 09/2023 📍 Surabaya, Indonesia

- Relevant Coursework: Web Development, Computer Graphics
- Undergraduate Thesis: Handheld Augmented Reality For Indoor Navigation Using QR Code vs LIDAR Based Localization

GPA

3.83 / 4.00

PROJECTS

MiniPlayer

📅 06/2024

An online music library and player built using the Spotify API and Spotify Web Playback SDK.

Marker vs. Markerless: Usability Insights for Indoor Navigation with Handheld Augmented Reality Systems

📅 04/2023 - 10/2023

A study to determine the usability of a virtual-based localization system using QR Codes and LIDAR point cloud.

- Presented at an international conference with a DOI of 10.1109/ICT58770.2023.10330861

EscapeAR

📅 03/2022 - 09/2022

A realtime indoor navigation app with Augmented Reality and fire recognition to help people escape buildings in case of a fire emergency.

- Successfully qualified for the funding stage in PKM 2022, a national science fair held annually for university students by the Ministry of Research, Technology, and Higher Education of Indonesia.

SI-RBTC

📅 12/2021

Online book library and reader using Laravel and TailwindCSS

SKILLS

Programming Language

JavaScript

TypeScript

C#

C++

Frameworks / Library

React.js

Next.js

Vue.js

Jest

SCSS

Laravel