MUHAMMAD ANAS ALQOYYUM

Software Engineer

Jepara, Jawa Tengah, Indonesia

hello@anasalqoyyum.dev ◆ (+62) 813 2772 0079 ◆ anasalqoyyum.dev ◆ linkedin.com/in/anasalqoyyum ◆
github.com/anasalqoyyum

WORK EXPERIENCE

AccelByte   **Remote / Washington, USA**
Software Engineer   Jun 2021 – Present
- Spearheaded the migration of multiple documentation sites into a unified platform using Docusaurus with custom branding.
- Implemented a Git-based workflow with automated "pull request previews" to streamline content review processes.
- Contributed to the development of breakthrough applications, including web and desktop applications (React & Electron) and backend services (Node.js, Golang).
- Enabled automation to reduce manual engineering efforts in customizing customer-specific needs.
- Enhanced documentation and internal workflows, ensuring better accessibility and usability for both internal and external stakeholders.
- Created, reviewed, and maintained multiple technical specifications, product requirements, and UI designs.

EDUCATION

Diponegoro University   **Semarang, Indonesia**
Bachelor of Science in Computer Science   Jun 2017 – May 2021
- **Honors**: 3.62 / 4.0 GPA, Cumlaude
- **Courses**: Algorithms & Data Structures, Machine Learning, Languages and Automata Theory, Computing and Graphics
- **Thesis**: YOLOv4 Algorithm Implementation Based on Darknet and Optical Character Recognition on Vehicle License Plate Detection
- **Activities**: Student Board - Appointed as Head of Communication and Information

LEADERSHIP AND ACTIVITIES

Informatics Student Board (HMIF)   **Semarang, Indonesia**
Head of Communication and Information   Jan 2018 – Jan 2019
- Led a team of peers in managing communication strategies and information flow for the University Student Board.
- Illustrated, created and conceptualized the design of post content. Mainly Instagram and Line account of HMIF undip
- Managed and developed website of HMIF Undip

PROJECTS

Dead Simple Markdown Notes

OSS
- A simple markdown note taking app with a focus on speed and simplicity.

konasute-autoscener

OSS
- OBS Auto Scene Switcher for Konami's Sound Voltex (Arcade & Konasute) using WebSocket to explore OBS WebSocket Plugin.

Ansible as a (reproducable) workstation environment

OSS
- Ansible playbook collection to setup new workstation (Mac & Linux) with all the necessary tools and configurations that I needed.

Hikari

Private Works
- Yet another customization frontend for video games with AIR movement.
- Written with a detailed and easy-to-use dockerized environment on how to deploy on a home arcade environment.
- Fullstack written with Next.js and using MariaDB. Docker and Nginx is used during deployment

HONORS AND AWARDS

Funded Project in Student Creativity Week (PKM)   **Jakarta, Indonesia**
Issued by *Ministry of Education and Culture*   Sep 2020
- Served as the speaker and presented in the event.

Silver Award Indonesia Inventors Day   **Jakarta, Indonesia**
Issued by *INNOPA*   Aug 2019

LICENSES AND CERTIFICATIONS

Junior Fullstack Web Developer License
Issued by *National Certification Agency for Professional Certification (BNSP)*   Sep 2020

Basic Student Management Skills Training (LKMM-D)
Issued by *BEM FSM Undip*   Jan 2018

RESEARCH AND PUBLICATIONS

YOLOv4 Algorithm Implementation Based on Darknet and Optical Character Recognition on Vehicle License Plate Detection
Published on *AIP Conference Proceedings in The 6th International Conference On Energy, Environment, Epidemiology And Information System (ICENIS)*   May 2023

SKILLS, LANGUAGES, INTERESTS

- **Languages**: Bahasa Indonesia (Native Speaker), English (Business proficiency), Japanese (Basic proficiency)
- **Soft Skills**: Public Speaking, Debating, Communication, Critical Thinking, Leadership, Persuasive Writing, Technical Writing
- **Programming**: Javascript & Typescript, HTML, CSS, Golang, Python, Java, Rust, SQL, PostgreSQL, Typst, LaTeX
- **Tools**: Git, Docker, Visual Studio Code, Neovim, Figma
- **Web Development**: React, Electron, Docusaurus, Next.js & Remix.js, million.js, Vue, Svelte & Sveltekit, Tailwind CSS, Node.js, Bun, FastAPI, Flask
- **Data Analytics**: Jupyter Notebook, Numpy, Pandas, Plotly
- **Interests**: Arcade Games, Music Production, Reading Non-fiction, Classical and Original Soundtrack Music, Bullet Points Document