# MUHAMMAD ANAS ALQOYYUM

**Software Engineer**

Jepara, Jawa Tengah, Indonesia

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## 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