M AGUNG CAHYA DIYANTO

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SUMMARY

I am a fresh graduate of the Immersive Program Alterra Academy Frontend Engineer. At Alterra, I learned about basic javascript until difficult, learned basic HTML and CSS3. Besides that, I also learned the meaning and soul of art to make web designs on basic web design, in my application I use Figma. I learned to make web using React as the library and other supporting frameworks using Cookies, Tailwind CSS, and other. In the coding process, I also apply clean code to make it easier to develop and use reusable components for each component used, and the last one is deployment using Netlify or Vercel.

TECHNICAL SKILLS

- Languages   : JavaScript, TypeScript, HTML, CSS.
- Technologies   : React TS, figma, github, Tailwind CSS, Framer Motion, React Cookies, Local Storage, React Router, DaisyUi, Lottie React, arduinoIDE, solidwork 3D, sketchup, plc, cx-programmer.
- Other   : Algorithms, data structures, problem solving, logic, teamwork, leadership, responsible.

PROJECTS

- **MyPortofolio :** I have a portfolio website, I implemented several technology stacks using React Typescript, Tailwind CSS and React icon for styling, Daisy Ui for components, used framer motion to add animation, and finally deployed using Vercel, *project repository GitHub link*.

- **LapakUMKM App** : LapakUMKM is a similar e-commerce app, users can become buyers or sellers. This app has some features there are feature chatting, discussion, user can review a product, logging in with a Google account, theme settings, easy management of products for the seller and feature reporting sales weekly for the seller. To make a design we use Figma, React Typescript, TailwindCSS, React Cookies, React Hook, React Router, Github and others, *project repository GitHub link.*

- **Incubate Chicken Eggs** : This project is making a tool that functions as a hatchery for high quality chicken eggs using 2 power sources/hybrid power (electrict and hot steam from sun light), in this project I was given the responsibility to process data sensor from the microcontroller to be sent and stored to the database (mySql) uses the IOT system and the language I use is php, then the data is displayed on the mobile application using the kodular creator, *project repository GitHub link.*

- **Extruder Temperature and Discharge Setting** : The extruder temperature needs to be stabilized to accelerate the melting of HDPE plastic, in this process we use a microcontroller and sensor to handle it, using ArduinoIDE for the code. And then, the melting speed must be adjusted to prevent excessive melting of HDPE plastic and the drive components used nema 64 with DM542 modules and for experiments used pronterface software, *project repository GitHub link.*

EDUCATION

ALTERRA ACADEMY   **Oct 2022 – Apr 2023**
Immersive Program, Frontend Engineer
- Immersive Program Frontend Engineering is an intensive 3 months program designed to train future frontend engineers in the fundamentals of software development.
- This rigorous 60-70hr/week program has a well-documented history of developing top notch software engineers.
- Course: Pair Programming, HTML/CSS, Git, Github, Gitflow, React.js, Redux, Test Driven Development, Deployment, TailwindCSS, Figma, React Typescript.
- Capstone Project: Building LapakUMKM Apps with React Typescript and Figma for design website.

State Polytechnic of Malang   **July 2017 – Oct 2021**
Bachelor's degree, Electrical Engineering   Malang, East Java
- 3.58/4.0 GPA cumulative.

EXPERIENCE

PT. Panca Karya Kayoe   **Dec 2021 – Oct 2022**
Human Resource Development   Blitar, East Java
- Manage employee data and other employee needs (BPJS Kes, jamsostek, salary, interview, employee termination and others).
- Maintain employee discipline following the rules set by management, maintain order in the surrounding environment with the company or with fellow employees.

Apprenticeship   **Dec 2020 – Feb 2021**
Maintenance and Operator   Mechatronic Laboratory, Polytechnic Of Malang
- Making an innovation of alarm system when the power source was gone the bell ringing, and microcontroller has supplied electric with accu.
- Control operator and maintenance system 2m×2m×2m 3D Printing (maintenance which includes a microcontroller, replacement of damaged components, 3D machine calibration).

ORGANIZATION

Aerial Vehicle Robo Team (AVRO)   **Aug 2019 – Oct 2020**
General Chairman
- Keeping all member active.
- Know what the needs and weaknesses of the team are in preparation for the competition.

Islamic Organization at Polytechnic of Malang   **Apr 2018 – June 2019**
Head of Division
- Responsible for a planned and structure schedule of activities to run well.
- Build good communication and relationship with all member and juniors.

CERTIFICATIONS

- Operation Programmable Logic Control (Issued by BNSP Oct 2021).
- Basic Pneumatic System (Issued by BNSP Nov 2020).

ACHIEVEMENT

- Best Member in batch 17 (Issued by all member batch 2018 and 2019).

LANGUAGE

- Bahasa Indonesia (Native)
- English (Limited working proficiency)