

ELSA CHINTYA AYU AGUSTYANNINGSIH

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I am an active student of Information Technology Education at Surabaya State University, have a high spirit to learn and develop and have an interest in the field of information technology, robotics, and the world of programming. Having experience in the field of Internet of Things and website creation, I also like to learn new things and am able to work in a team or independently. Ready to face new challenges, and contribute to a dynamic team.

EDUCATION

Surabaya State of University – Surabaya **August 2024 - Present**
Undergraduate in Information Technology Education, 3.8/4.00

- Learning new programming languages such as C++, Python, and Java, as well as studying programming algorithms within the paradigm of object-oriented programming, and gaining knowledge and practical understanding of computer architecture and organization.

SMK PGRI 2 Ponorogo – Ponorogo **Juli 2020 - Mei 2023**
Software Engineering

- Learning the PHP programming language and several frameworks such as Laravel and CI, as well as understanding database processing, I also learned to make simple games with Unity. I also joined the cadet organization and held the position of head of the public relations division.
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WORK EXPERIENCE

Freelance Web Development **2023 - Present**
FullStack Development

- Create UI/UX designs or simple websites for clients on several projects
- Help check and problem solve programming projects, and help develop programs
- Create applications or websites according to customer requests using a customized framework

Seven Inc. (Magang Jogja) – Yogyakarta **August 2022 - April 2023**
FullStack Development

- Create a desktop website with a display that has been customized to the client's wishes, as well as a point of sale application project
 - Learn to create UI/UX displays for websites and applications using Figma and create poster designs for marketing
 - Develop websites and applications that have been created so that they can be accessed by many people on the internet by using hosting
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PROJECT

IOGURT: 4-IN-1 YOGURT PROCESSING MACHINE INTEGRATED **February 2025 - Present**
PASTEURIZATION, COOLING, FERMENTATION AND PACKAGING BASED ON IOT

- Creating a design for a home-scale yogurt production tool integrated with IoT with the efficiency of 4 processing processes that have become one in one tool, namely lo-GURT with a capacity of 20 liters. (Supervised by Dr. Yunus, M.Pd)

OEMAH SNACK: AN INFORMATIVE WEBSITE TO HELP DEVELOP **Maret 2024 - Present**
UMKM PROCESSING VARIOUS SNACKS IN PONOROGO.

- Creating a responsive website project for businesses around the area to advance and prosper UMKM. This project was created to fulfill the final assignment
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ORGANIZATIONAL EXPERIENCE

Dewo Robotic – Surabaya

January 2025 - Present

Departement VIKHASA V-Tol Division as a Software Sub-Division

- Learn the Linux operating system on a computer and apply several commands to create relevant programs
- Study programming algorithms with ROS and other software and understand the SOP for the robot that will be run
- Make conditioning on programming by connecting the file node with Arduino using serial so that it can move the servo responsively with real time data.

Taruna – Ponorogo

Desc 2021 - Desc 2023

Head of Public Relations Division

- Building good relationships with the community, partners, media, sponsors, government agencies, and other external parties and handling official correspondence.
- Responsible for coordinating the creation and distribution of content such as press releases, posters, pamphlets, event documentation and public reports through social media.
- Responsible for coordinating and ensuring that the organization is positively recognized by the public.

TECHNICAL SKILLS

- Software: Visual Studio Code, Arduino IDE, AutoCAD, SketcUp, Figma, NetBeans
- Programming Languages: PHP, Python, Java Script
- Framework : Laravel
- Microsoft Office: Word, Power Point.