

# Fauzan Aulia Hardy

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## Summary

I'm a recent graduate from Engineering Physics Bachelor Program at Sepuluh Nopember Institute of Technology (ITS) looking for front-end developer or fullstack web developer position at internship or entry level job type. I have GPA 3.43 out of 4.00 and few bootcamp experience. I'm familiar with HTML, CSS, JavaScript, Node JS and React JS. I'm a quick learner and able to work well both independently and in a team.

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## Education

### Sepuluh Nopember Institute of Technology - Surabaya, Indonesia | August 2019 – August 2023

*Bachelor Degree in Engineering Physics*

- Graduated with GPA 3.43 out of 4.00.
- Relevant Courseworks: Computer Programming, Statistics, Introduction to Database.
- Awards: 3<sup>rd</sup> Winner of Scientific Poster Competition at Energy Day 2021 hosted by SRE Undip

### Revou – Jakarta, Indonesia | August 2023 – September 2023

*Fundamental of Software Engineering*

- Studied about fundamental principles in software engineering, such as SDLC, testing, project management.
- Built mockup web projects about school landing sites.

### Binar Academy – Jakarta, Indonesia | February 2022 – July 2022

*Fullstack Web Development*

- Studied about tools and tech stack for fullstack web development, such as HTML, CSS, JavaScript, React JS, Node JS, SQL.
  - Developed web projects about marketplace website with scrum methodologies.
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## Projects

### Revou – Jakarta, Indonesia | August 2023 - September 2023

*Student of Fundamental of Software Engineering Course* ([Demo](#))

- Technologies used: HTML, CSS, and Javascript.
- Developed a school profile website according to provided mockup design
- Implemented a designated form for collecting stakeholders' personal information and inquiries, including Name, Email, Phone Number, and Message, with JavaScript validation
- Created a responsive website that works seamlessly on both desktop and mobile devices

### Binar Academy – Surabaya, Indonesia | June 2022 – July 2022

*Member of Fullstack Web Development Final Project* ([Demo](#))

- Technologies used: HTML, CSS, Javascript, Bootstrap, React JS, Redux.
- Demonstrated proficiency by accomplishing a marketplace website project, primarily focusing on frontend development.
- Added features at website project like user registration, user profile, and product listings.

### HMTF ITS – Surabaya, Indonesia | March 2021 – April 2021

*Staff of Communication and Department* ([Demo](#))

- Technologies used: Wordpress and Elementor Plugin.
  - Created the HMTF ITS Website to provide information updates and enhance the brand's presence on social media.
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## Skills

### Hard Skills:

- |              |                                       |
|--------------|---------------------------------------|
| • HTML       | • PHP                                 |
| • CSS        | • Node JS                             |
| • JavaScript | • Express JS                          |
| • Bootstrap  | • PostgreSQL                          |
| • React JS   | • MS. Office (Word, Excel, Powepoint) |
| • TypeScript | • Adobe Illustrator                   |

### Soft Skills:

- Analytical Thinking
  - Team Management
  - Communication
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## Work Experience

### ITS Measurement, Reliability, Risk and Safety Laboratory – Surabaya, Indonesia | January 2023 – June 2023

*Assistant Researcher*

- Developed a photovoltaic system with sun-tracking capabilities using type-2 fuzzy logic controller on Haiwell SCADA to optimize photovoltaic power output.
- Achieved a control system steady-state error of only 0.15%.
- Conducted a comparative analysis of power consumption between continuous solar trackers and discrete solar trackers, resulting in a 13.28% power savings.

## **PT. Inti Karya Persada Teknik – Jakarta, Indonesia | July 2022 – August 2022**

### *Instrument Engineer Intern*

- A subsidiary of Toyo Engineering Corporation, an Engineering, Procurement, and Construction (EPC) company in oil and gas, petrochemical, and power plant.
  - Studied PFD, P&ID, Instrument Index, Datasheet, Hook-up Drawings, Loop Diagram, and Instrument Functional Diagram.
  - Developed Instrument Index and Instrument Datasheet (FEED Stage) for Pertamina Diesel Hydrotreating (DHT) Project at RU II Dumai, RU IV Cilacap, RU VII Kasim.
  - Evaluated Safety Instrumented System (SIS) for Deaerator at PLN Sulut-1 Coal Fired Steam Power Plant (CFSP) 2×50 MW Project and write the results in report.
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## **Activities**

### **Engineering Physics Week ITS (EPW ITS) 2022 – Surabaya, Indonesia | August 2021 – March 2022**

#### *Vice Manager of Creative Division*

- An annual event held by Engineering Physics students with the aim to promoting the department to the public, especially for high school students.
- Developed design graphic standard manual (GSM) for EPW ITS.
- Determined job specifications and performance control for each staff of creative division.
- Enhanced EPW ITS's brand through social media and gained about 300+ new followers on Instagram.

### **Engineering Physics Student Association (HMTF ITS) – Surabaya, Indonesia | January 2021 – December 2021**

#### *Staff of Communication and Information Department*

- A student organization with goals to develop Engineering Physics Student hardskills and softskills.
- Designed 40+ Instagram posts for HMTF ITS Social Media
- Built a website for HMTF ITS using WordPress and the Elementor plugin.
- Worked together with engineering physics laboratory assistant to write scientific content for HMTF social media and bulletin.
- Achieved 83,7% of satisfaction and feedback from engineering physics students towards content.

### **Engineering Physics Week ITS (EPW ITS) 2021 – Surabaya, Indonesia | August 2020 – February 2021**

#### *Liaison Staff*

- Facilitated communication between 4 out of the 15 participating teams and the competition's technical team.
  - Ensured all participating team are registered and understand the terms of the competition.
  - Achieved 95% satisfaction rate from participant towards the event.
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## **Additional Information**

**Language:** English (Professional), Bahasa Indonesia (Native)

#### **Certificates:**

- Fundamental of Software Engineering 2023 by Revou.
- EF Standard English Test by EF SET 2023 (CEFR Level: C2/Proficient).
- Fullstack Development Bootcamp 2022 by Binar Academy.