

DIAH PURNAMA SARI

Fullstack Web Developer Entry Level

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Summary

An enthusiastic Fullstack Web Developer Entry Level with 4+ month of experience in programming. As a new in Fullstack Website Developer, I have still learned JavaScript, SQL, API Testing, Node.js, React, Vue, and UI/UX Design. I am a person who is used to be persistent in achieving a target by doing works for 15 months ago and learning some technologies and code. I was a freelancer in IoT Thingworx Developer and ETL Developer. Only armed with the basics of SQL and JavaScript, I've tried to understand business acumen, data warehouse, AWS, ETL pipeline, and Thingworx IDE. Also, I am eager to complete tasks on time and be a lesson on how to manage tasks and resolve problems in the team at an entry level. My last achievements are getting an AWS Cloud Practitioner Certification and in women empowerment joining Women In Tech DTS 2022 and being a Top 5 Finalist of the Mini Hackathon Showcase. Our team built a prototype streamlit-based website to facilitate women to get awareness of cyber-attack. We name this project "Are You Safe?x Cyber Security Campaign". I have a passion for research and design and I do believe that collaboration with programming is a perfect thing in this world to solve problems.

Work Experiences

- PT METRODATA ELECTRONICS TBK - West Jakarta

Dec 2021 - May 2022

IoT Thingworx Developer - Frontend

This project belongs to PT Indesso Aroma Cileungsi which PT Metrodata Electronics Tbk as Third Party as an integrated systems developer using IoT PTC Thingworx.

- Identify business logic and implemented it into a data model
- Work with customer's C-level executives to create the vision and goals of the project and acted as the voice of the customer to ensure quick product development
- Implement 85% UI/UX to the front end of a smart system using the PTC Thingworx environment
- Create a documentation User Acceptance Testing (UAT) and User Guidance

Tools & Skills: | User Interface/User Experience (UI/UX) Design | PTC Thingworx | JavaScript |

- PT METRODATA ELECTRONICS TBK - West Jakarta

Jan 2021 - May 2021

ETL Developer Entry Level

This project belongs to PT Hino Motor Sales Indonesia (HMSI) which PT Metrodata Electronics Tbk as Third Party as a data migration consultant using AWS.

- Analyze the source systems format & structure
- Develop ETL pipeline using AWS (Glue Job, Redshift) and scheduler (Glue Workflows) and do SQL on DBeaver tools
- Setup data automatic extraction schedule for all necessary source systems
- Create a documentation User Acceptance Testing (UAT)

Tools & Skills: | PostgreSQL | AWS Glue | Amazon Redshift | DBeaver | Extract, Transform, Load (ETL) |

- FREELANCE - Palembang, Indonesia

Sep 2018 - Aug 2020

Junior Researcher

Dedicated to a lecture at University of Sriwijaya and University of Dinamika Bangsa

- Plan, modify and execute research techniques, procedure and tests in image processing
- Gathering, arranging, and correcting research data to create representative graphs and charts highlighting results for presentation
- Do proofreading and handling publish paper requirements
- Achievements: 4 International Image Processing on Springer, IEEE, and member of Scopus (<https://orcid.org/0000-0002-4242-3787>)

Tools & Skills: | Research | Matrix-Algebra | Probability & Statistics | Digital Image Processing | Technical Writing | Presentation |

- FREELANCE - Palembang, Indonesia

Oct 2017 - Jul 2018

Graphic Designer

These projects from use cases of final year students such as University of Sriwijaya, University of Islam Negeri Raden Fatah, University of Muhammadiyah Palembang.

- Identify requirements, establish scopes and managing projects milestone
- Designing fundamentals composition, layout, and color in design work and user experience
- Using Adobe Illustrator to create images and layouts for over 8 pre-school worksheet books of PGPAUD final year student's projects

Tools & Skills: | Graphic Design | User Experience | Negotiation | Time Management | Adobe Illustrator | Adobe Animate |

- PT PUPUK SRIWIDJAJA PALEMBANG - Palembang, Indonesia

Dec 2015 - Feb 2016

Information Technology Support

This is an internship college course program.

- Install and configuration local area network (LAN) at 8 departments
- Router monitoring simulation with Wireshark
- Using bandwidth share methods using Mikrotik for internship project report

Tools & Skills: | LAN Configuration | Router Monitoring | Wireshark | Mikrotik |

Education

University of Sriwijaya - Indralaya, Indonesia

Aug 2013 - Apr 2019

Bachelor Degree in Computer Systems Engineering

- Thesis: Multi-variant Intensity by Segmentation Method of Color Histogram Comparison: HSV, YCBCR, L*A*B (CIELAB) AND K- MEANS Color Clustering on Finger-spelling of American Sign Language (ASL)
- Lecture Assistant & Junior Lab Researcher (Feb/2017- Dec/2018)
Roles:
 - Plan, modify and execute research techniques, and tests in image processing
 - Gathering, arranging, and correcting research data to create representative graphs and charts highlighting results for presentation
 - Providing lecture materials and teach to student of image processing class

Other Experiences

Immersive Online Class (2023 - on progress): Perempuan Inovasi 2023 - Yayasan Dian Sastrowardoyo x Skilvul

Descriptions: Enrolling 3 months Fullstack Web Developer class + 2 months final project. For the 1st stage I learn about Digital Product, Design Thinking, Userflow, Wireframe, UI Design, Prototyping, Sprint Retrospective Scrum, Product Success Metric, Teamwork, Task Management, Problem Solving, Conflict Management.

- **Project Based Learning** (2023): [Waroeng Buris \[PHP Native\]](#)

Tasks: - Design and implement the website's user interface (UI) using HTML and CSS; - Enhance the UI with responsive design using Bootstrap, ensuring compatibility across various devices and screen sizes; - Implement interactive features and user experience enhancements using JavaScript; - Develop the server-side logic using PHP native, handling user authentication, product management, and shopping cart functionalities; - Implement user registration and login systems for personalized shopping experiences; - Integrate the Midtrans payment gateway API to enable customers to make secure online payments; - Thoroughly test the website's functionality, including the shopping cart, payment process, and user registration; - Identify and fix any bugs or issues to ensure a smooth user experience; - Prepare the website for deployment by configuring server settings and dependencies; - Upload the website's files and database to 000webhost for hosting.

- **Course** (2023): [The Frontend Developer Career Path - Scrimba](#)

Descriptions: Enrolling 1 months class of Frontend Web Developer including modules of basic programming (HTML, CSS, JavaScript), Framework (React Js) fundamental, Version Control (Git) fundamental, UI/UX Design (Figma) fundamental, Web Architecture fundamental, Responsive design.

- **Course** (2023): [Belajar Membuat Aplikasi Back-End untuk Pemula - Dicoding](#)

Descriptions: Enrolled 40 days class of Backend beginner including modules of basic programming (JavaScript), framework (Node JS), Web Services concept, Deploy (Amazon EC2, Elastic Compute Cloud, Git, Github), debugging/API Testing (Postman).

- **Training** (2023): [Young Tech II \(Tech Muda II\) - Plan International Indonesia x Regional Vocational Training Center \(PPKD\) South Jakarta](#)

Descriptions: Accomplished 360 learning hours of Web Developer class including modules of basic programming and styles (HTML5, CSS3, Bootstrap, PHP, Database (MySQL), and Framework (Laravel). Project output personal portfolio and web application.

- **Soft Skills** (2023): [Organized Analyst, Conscientiousness \(C\), Investigative \(I\)](#)

Descriptions: Claimed by fulfill Rakamin Virtual Internship Experience personal character test.

- **Achievements** (2022): [Top 5 Prototype UI/UX Design - SHI Innovation Challenge 2022](#)

Descriptions: Personal project to create innovation for social phenomenon and prototype the innovation using Figma.

- **Achievements** (2022): [Top 5 Hackathon Women In Tech - Cybersecurity 2022](#)

Descriptions: As a team leader, programmer, design a presentation and content creative writing, user acceptance testing.

- **Certification** (2022): [AWS Certified Cloud Practitioner](#)

Descriptions: Knowledge of core AWS services and use cases, billing and pricing models, security concepts, and how cloud impacts business.