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EDUCATION

Diponegoro University

B.Comp.Sc, Computer Science, GPA 3.86/4.0

Organizations: Google Developer Student Club (GDSC) Undip, TEDxUndip

Awardee: Finalist in National ICT Scientific Writing Competition Gemastik XIV

Semarang, Indonesia

2023 (expected)

EXPERIENCES

Computer Science Lab

Lecturer assistant

Semarang, Indonesia

August 2021 - Present

- Taught Basic System Fundamentals, Algorithms and Programming, and Data Structures.
- Facilitated 6 lecturers to provide guidance, discussion, and encourage skills to 135 of total Computer Science students once a week for mastering system architecture, bit data processing, also algorithms and data structures using C programming language for beginner-intermediate level.

TEDxUndip 3.0

Fullstack Developer

Semarang, Indonesia

May 2022 - Present

- Collaborated with other divisions to brainstorm, design, and develop a service product to help people participate in the TEDx event series.
- Responsible for brainstorming, developing, testing, collaborating, code reviewing, debugging, and deploying frontend features. **(GitHub)**
- Sliced UI design into a website and improved user experiences. **(Bootstrap, SCSS, JavaScript)**
- Implemented front-end engineering best practices and patterns also presented them to other engineers.
- Migrated backend service into a new system with a better design pattern. **(Express.js)**

Future Leader Summit

Fullstack Developer

Semarang, Indonesia

May 2022 - Present

- Cooperated with media creatives, program, and other teams to brainstorm, design, and develop a service product to realize the business requirements of the FLS event website.
- Ensure the technical feasibility of UI/UX design and define tasks to delegate to other engineers.
- Sliced UI design and improved web SEO and performance. **(Bootstrap, JavaScript, jQuery)**
- Developed authentication, delegates registration, payment, operational, and management services. **(Express.js)**
- Code features by strongly following “Clean Code” principles.

Shogunverse NFT

Project Leader

Solo, Indonesia

January 2022 - Present

- Mobilized project timelines, goals, and mechanisms to spread multidisciplinary ideas around the world and obtained 2,800+ Instagram followers.
- Supervised and reinforced a good work environment for 4 active members based on the project visions and missions.
- Maximize marketing strategy and project utilities to increase the number of holders from 0 up to 64, volume traded from 0 USD to 2000 USD on the first release, and build strategic partnerships with 5+ local brands and other NFT creators.

ANFORCOM

Frontend Developer

Semarang, Indonesia

April 2021 - May 2022

- Colluded with Seniors and a Lead Developer to develop a website-based product to fill up the operational needs of ANFORCOM competition events.
- Sliced UI design and performed media queries best practices to increase UX on responsive layouts. **(Bootstrap, JavaScript, jQuery)**
- Managed to increase the number of website visitors by 60% from the previous year due to better UI and UX.

HMIF Undip

Frontend Developer

Semarang, Indonesia

December 2020 - May 2022

- Pioneered a website-based product by cooperating with seniors and other divisions to provide accessible information about the Informatics department for new students called *Informatics ongoing Story* (IoS).
- Sliced UI design and increased UX on responsive layouts. (**Bootstrap, JavaScript, jQuery**)
- Updated information of 80+ active members on the *Databases Organization* (DBO).

TEDxUndip 2.0

Frontend Developer

Semarang, Indonesia

November 2020 - May 2022

- Worked closely with 1 partner to develop the first TEDxUndip event website (*Reveal the Sun*).
- Sliced UI design and increased UX on responsive layouts. (**Bootstrap, JavaScript, jQuery**)
- Boosted the number of visitors by up to 70% from the old website due to better UI and UX.

PROJECTS

UndipTumbuh

September 2022

An online examination web application includes multi-role auth, token generation, exam reports, department, class, and course management, etc.

Utilized: PHP, CodeIgniter, JavaScript, HTML, CSS, Bootstrap, Git, Netlify

FLS 2021

May 2022

A web application to facilitate and manage the general public to register and participate in the events organized by Future Leader Summit.

Utilized: Express.js, JavaScript, jQuery, HTML, CSS, Bootstrap, Git, Netlify

HADES

May 2021

A Hybrid Algorithm Encryption Decryption System implementing both DES and RSA used for ICT Scientific Writing Competition Gemastik XIV

Utilized: Java, Git

KEY SKILLS & COMPETENCIES

Skillset: Web Performance, Web Accessibility, Clean Code, Software Testing, Search Engine Optimization, Front-end Development, Back-end Development, Database Design, Responsive Design, CI/CD, REST API, JSON, Problem Solving, Teamwork, Analytical Thinking

Languages: JavaScript, PHP, HTML5, CSS3, C, C++, Java, Python, SQL, NoSQL

Frameworks: Bootstrap, Node.js, Express.js, React.js

Developer Tools: Git, AWS, Alibaba Cloud, Firebase, SASS, Testing Library, Webpack, MySQL, PostgreSQL, MongoDB

Certifications and Training: Node.js Intermediate (HackerRank), REST API Intermediate (HackerRank), Web Development Path (CfDS and Progate)