MUHAMMAD IVAN MUNTAHIR

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Tuban, East Java, Indonesia

I am a Computer Engineering graduate with extensive experience in the end-to-end processes of planning, conceptualizing, and executing projects across both software and hardware domains. My software development expertise encompasses web development with Front-End and Back-End Systems, AR/VR development utilizing Unity, and SEO optimization. On the hardware side, I specialize in IoT development, sensor integration, electrical systems, and embedded systems. My passion for continuous learning and my adaptability to diverse conditions enable me to effectively tackle new challenges and integrate cutting-edge technologies. This holistic approach ensures a seamless blend of innovative software solutions with practical hardware implementations, driving comprehensive technological advancements.

Work Experiences

PT Samator Group - **Surabaya, Indonesia**   Mar 2024 - Present

Information Technology Staff

Samator Group, established in 1975, is a leading Indonesian producer of industrial and specialty gases, such as oxygen, nitrogen, and argon. Serving sectors like healthcare, manufacturing, and petrochemicals, the company is known for its commitment to innovation, safety, and sustainability. With a strong national presence, Samator Group significantly contributes to Indonesia's industrial growth and economic development.

- Liaised between product IT and sales teams to understand C-Level demand for new features and prioritize the product roadmap for the internal tooling team
- Successfully developed a full stack of company website features that required a complex reporting flow with dozens of different conditions, responsive display changes and website security maintenance
- Optimize SEO and performance of company website with existing professional trend
- Achieved 7.36k impressions, 9.8% CTR, in 3 months from previously only 800 impressions and 8.7% CTR in SEO optimization of the company's website
- Manage the company website features and update content system based on existing company projects and products
- Actively provides input and translates company user requirements into technical IT solutions
- Plan, design, and execute system based on company software needs
- Assisting with the administration of e-commerce transactions using the Jubelio marketplace integration system
- Utilize : Wordpress Elementor, Wordpress Content Management System, SEO analytics, SEO optimization, Google Search Console, Google Analytics, Yoast SEO, HTML, CSS, JavaScript, NextJS, ReactJS, PHP, C#, MySQL, Hostinger, Niaga Hoster, Web Analytics, Jubelio E-Commerce, Figma, MS Teams Administrator, MS Office Word, MS Office Power Point, MS Office Excel

PT Telkom Indonesia - **(Remote) South Jakarta, Indonesia**   Jan 2023 - Dec 2023

Unity Developer

PT Telkom Indonesia (Persero) Tbk (Telkom) is a State-Owned Enterprise (BUMN) that operates in the field of information and communication technology (ICT) services and telecommunications networks in Indonesia.

- Working in the virtual stage team division to develop a metaverse application called Metanesia
- Integrating API to metaverse application and using Postman to test each endpoint
- Actively participated in the daily stand-up meetings and weekly sprints by reporting progress and engaging in
- proactive questioning. Demonstrated a keen interest in clarifying project aspects and provided constructive suggestions
- Working with the RnD team to research new features and implement in an existing production application
- Testing software rapidly and checking the probability of bugs and errors and reporting by using project management
- such as Notion and JIRA
- Utilize : Unity3D, C#, Blender, JIRA, Postman, Gitlab, PlasticSCM, Agile and Scrum Method

PT PAL Indonesia - **Surabaya, Indonesia**   Jan 2021 - Apr 2021

Web Developer Intern

PT PAL INDONESIA (Persero) as one of the strategic industries that produces the main tools of the Indonesian defense system, especially for the sea dimension, its existence certainly has an important and strategic role in supporting the development of the national marine industry.

- Working on Teknologi Informasi Division to develop an internal website for PT PAL Indonesia
- Implementing CRUD (Create, Read, Update, Delete) and maintaining databases with mySQL to handle features in management employee website
- Designed and developed the front-end system with tailwind.css and integrated it with the back-end system
- Actively participated in weekly meetings to report and demonstrate progress
- Utilize : PHP, JavaScript, HTML5, tailwind.css, MySQL

Education Level

Politeknik Elektronika Negeri Surabaya ⊘ **- Surabaya, Indonesia**   Jun 2018 - Oct 2022

Bachelor Degree in Computer Engineering,, 3.53/4.00

- 1st Winner DTIK (Department Teknik Informatika dan Komputer) Software Festival
- Actively join PENS International Cooperation Office Volunteers in the Hospitality Division
- Actively join Himpunan Mahasiswa Computer Engineering as an External Relations Staff
- Chairman of the 2019 UMPN PENS Try Out event in Tuban Region
- Finished Final Project with paper publication in IEEE 2022 with Immersive Technology topics

Other Activities

Peduli Digital - Indonesia   Jun 2022 - Present

Technical Team Member

PT. Peduli Digital Indonesia is privately owned and headquartered in Indonesia. With a mission to improve lives through learning especially in the digital industry. We have 3 products, including on-demand and independent webinars, online marketplace courses, and hybrid bootcamp. We can also do IT skills boosting for employees in your company, and we have collaborated with many companies.

- Working on Technical Team Member which provide e-Learning platform in digital topics
- Manage and publish E-learning Content in IT Topics such as web programming, UI/UX, product management
- Actively participate in bi-weekly meetings and actively provide input on planning targets and discussing progress
- Promote and share knowledge with the public regarding digital knowledge

PENS International Cooperation Office Volunteers - Surabaya, Indonesia   Jan 2019 - May 2021

Hospitality Division

PENS International Cooperation Office (PICO) aims to support PENS to be the world class polytechnic in the near future, as well as to make significant contributions to society – locally, nationally and internationally

- Responsible for helping incoming foreign student during the international exchange program
- Plan and manage hospitality during international exchange program

Achievements, Portfolio & Skills

- **Certifications and Training**: (Please click the blue checkmark on the left of year to view details)
- ⊘ (2024): React JavaScript Front-End Web Development Intensive Bootcamp by Sanbercode
- ⊘ (2022): Fresh Graduate Academy Front-End Web Development by KOMINFO
- ⊘ (2023): Unity User Level Programmer Certification (Score 900/1000)
- **Portfolio**: (Please click the blue checkmark on the left of year to view portfolio)
- ⊘ (2024): Wordpress and Elementor for Professional Company (Tech Stack: Wordpress CMS, Elementor, Yoast SEO, Google Page Console)
- ⊘ (2024): Professional Website for SB Finance (Tech Stack: NextJS, ReactJS, Tailwind CSS, Vercel)
- ⊘ (2024): Arunika Handcraft Landing Page (Tech Stack : HTML, CSS, jQuery, JavaScript)
- ⊘ (2024): Fullstack Website Reporting Sales (Tech Stack : PHP, MySQL, Bootstrap CSS)
- ⊘ (2024): Improve the SEO performance of the company website and achieve 750 clicks and an average of 9.8% CTR in 3 months
- ⊘ (2024): RecJobs Website Job Vacancy (Tech Stack : React JS, API, Tailwind.css, Vercel)
- ⊘ (2023): VR On Training Simulations Pupuk Kaltim (Tech Stack : Unity 3D C#, VR Development, Figma, Meta Quest 3 & Pro)
- ⊘ (2023): VR Stride : Modern Soldier Immersive Experience (Tech Stack : Unity 3D, C#, Figma, Meta Quest 2)
- ⊘ (2022): VR Medical Health : Infusion Installation (Tech Stack : Unity 3D, C#, VR Development, Figma, Meta Quest 2)
- ⊘ (2021): Terminal Mini with Scan Code QR (IoT live tracking vehicle with GPS Module and Android software)
- **Soft Skills**: Team Work, Adaptability, Problem Solving, Problem Analytics, Hard Work, Project Management
- **Hard Skills**: HTML, CSS, JavaScript, Wordpress, Elementor, PHP, React JS, NextJS, Laravel, MySQL, PostgreSQL, Unity 3D, C#, Figma, Postman API, Swagger UI API, Tailwind CSS, Bootstrap CSS, Google Page Console, Page Speed Console, Yoast SEO, Java Android, Notion Project Management, JIRA, Microsoft Excel, Word, Powerpoint, Arduino, Internet of Things, Cisco Network, Blender 3D, Matlab