



SYAMSUL ZAMAN

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Sukabumi, West Java, Indonesia

Software Developer with over 3 years of experience in the field of front-end and back-end development, proficient in Javascript, Node.js, and Typescript. Expert in building pixel-perfect and smooth applications. I take delight in ensuring that my work is thoroughly tested to guarantee a seamless user experience. Adept at delivering results and collaborating effectively within team settings.

Work Experiences

Internship Abroad PTE LTD - Toa Payoh, Singapore

Dec 2023 - Feb 2025

Frontend Engineer (Remote)

<https://internshipabroad.co/>

- Developed, troubleshooted, maintained, and implemented performance enhancements across four distinct modules: Intern, Recruiter, Company, and Landing Page. While additionally, developed a global components library for use across applications, facilitating code reuse and standardization.
- Optimized bundle size and performance metrics, including Largest Contentful Paint (LCP) and First Load JavaScript (JS), utilizing techniques such as code splitting, lazy loading, and tree shaking, improving loading time and performance up to 56%.
- Enhanced code standards and development workflows to ensure better developer productivity and consistency, incorporating CI/CD pipelines, linting, and 360 code reviews.
- Integrated a Headless WordPress CMS with Next.js, creating a seamless and dynamic content management experience while maintaining SEO best practices.
- Developed a responsive, mobile-friendly, complex and fully customized Quill Forms for student registration, ensuring a user-friendly interface and robust form validation.
- Developed and integrated chat and video call functionality across intern, company, and recruiter modules using GetStream.io, enhancing real-time communication and user engagement.
- Skills: Next.js, React.js, Typescript, Redux Toolkit, React Hook Form, React Query, Storybook, Quill Forms, DigitalOcean, Github Action CI/CD

Virtual Spirit Technology Sdn Bhd - Petaling Jaya, Malaysia

Sep 2021 - Feb 2024

Frontend Developer (Remote)

<https://virtuallspirit.me/>

- VTRConnect: Developed interactive charts using SVG and CSS, and built an advanced form system with React Hook Form and Redux Persist. Ensured smooth application performance through rigorous maintenance and bug fixes.
- Populus: Optimized Google Map loading times for over 500 polygons, improving calculation performance within UIs using Web Workers. Enhanced user experience by refactoring the codebase and implementing UI/UX improvements.
- Virtualspace Platform: Developed and maintained chat and project management app, Enhanced performance by optimizing re-rendering processes for large, complex UIs, and collaborated with QA teams for smooth feature delivery. Developed global components for consistency and applied code standards for scalability and readability.
- Virtualspace Site: Designed and developed a sleek landing page from scratch using HTML, SASS, Tailwind, JavaScript, and Gulp.
- Skills: Next.js, Vue.js, Typescript, Zustand, Redux, Redux Persist, React Hook Form, React Query, Storybook, Anycable, Github Action CI/CD, Gulp.js, AWS (EC2, CloudFront, S3, Lambda)

Education Level

Universitas Nusa Putra - Sukabumi, Indonesia

Aug 2020 - Jun 2024

Bachelor of Informatics Engineering, 3.43/4.00

- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Computer Networks, Database Management Systems, Software Engineering, Artificial Intelligence
- Bachelor's degree program with a Grade Point Average (GPA) of 3.45 out of 4.00.
- Thesis Project: Implementation of Gamification in Cognitive Behavioral Therapy for University Students with Symptoms of Depression Using the Finite State Machines Concept
 - Developed Cogniviruses Outbreak, a web-based AI-powered RPG game that gamifies Cognitive Behavioral Therapy (CBT)
 - Utilizing modern tech stacks: React.js, Typescript, HTML5 Canvas, Node.js, Express.js, PostgreSQL, OpenAI API, Docker
- Served as the Web Development Instructor in the Student Board Program.

Skills

- **Programming Languages:** HTML5, CSS3, SASS, Javascript (ES6), Python, Node.js, PHP
- **Libraries & Frameworks:** React.js, Redux, Zustand, Typescript, Next.js, Express.js, Web socket, testing-library, Jest, Mocha, CI/CD,

Django, Docker, Laravel.

- **Databases:** PostgreSQL, MySQL
- **Cloud Platform:** DigitalOcean, AWS (EC2, CloudFront, S3, Lambda)
- **Tools:** Git, Webpack, Gulp, Tmux, Vim
- **Operating Systems:** UNIX, Linux, Windows, Mac
- **Soft Skills:** English (Speaking, Writing), Wireframing, Prototyping, Responsive Design, Writing Documentation, Design thinking, UX Research, Presentation skill, Collaboration
- **Languages** 🌐: English - Upper Intermediate (B2), Indonesia - Native