Vadi Taslim

Software Engineer

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Experience

Full-Stack Developer @ Vervio (Solution Digital)
Jul 2021 - Present // Remote

- Coordinate the design and implementation of various applications, including collaboration with project managers, and client representative and development teams.
- Introduced React best practices to the team, to mitigate future issues when upgrading dependencies to the latest.
- Reduced output bundled size down by 50%, by refactoring existing codebase, caching strategy and splitting dependencies i18n at compiler level.
- Enforce code standard and readability by utilizing eslint, stylelint, prettier and husky.
- Reduced page load stress on slow API responses by asynchronously loading everything in background parallelly while displaying loader-like UIs without disrupting UX.
- Helped migrate the existing tech stacks to NextJS to improve SEO and UX performance.
- Participate in architecture oversight, debugging, documentation, and code fixes.
- Built and architected a SEO-friendly, mobile-first and WCAG compliant new application from ground-up and led a team of five to transition to NextJS based application.

Front-End Engineer @ *Private* (via Toptal)
Aug 2020 - Present // Remote

- Worked closely with Owner and engineered a Next.js application from scratch following the existing design, with an SEO-friendly architecture, WCAG compliant and responsive design pattern.
- Helped to transition and migrate data of old applications to the new one, and provides a sustainable solution in terms of hosting.
- Integrate GraphCMS to the new application, provides flexibility to authors to create and maintain custom pages.

Front-End Engineer @ Hennep LLC (via Toptal)
Jan 2022 - March 2022 // Remote

- Participate in team development of responsive web tools for Cannabis inventory optimization working between wholesaler and retailer APIs, with a future vision for end-to-end ERP functionality.
- Collaborated closely with the team to define technical approach, user stories, and estimations to build user-facing application.
- Developed (with other front-end developers) a web application for internal usage inside offline shops which allows visitors to scan QR codes, check all info about the product, add it to card, etc.

Front-End Engineer @ Gamefaced LLC (via Toptal)
Aug 2020 - Feb 2022 // Remote

- Collaborated closely with the team to define technical approach, user stories, and estimations to build user-facing application.
- Took ownership of Front-end applications and built it from ground-up with React, Redux and Typescript.
- Took ownership of Discord bot application, architect and built it from ground-up with NodeJS, Redis and Postgres.
- Implemented responsive, mobile-first web application from concept through deployment.
- Implemented marketing email templates utilizing html native markups with strong support across mail applications from screen readers to web mail and to desktop mail applications with respect to operating system built-in themes.
- Maintain and refactor existing features, and consistently improve page performance to Web Vitals standard for better SEO and UX purposes.
- Helped to establish CI/CD on github workflow and deployment scripts with Docker to S3.
- Utilized best practices on both applications by covering them with unit tests, linter, prettier and custom made type definitions.
- Participated in code peer reviews daily and adapting to different sets of codebases and languages.
- Engineered server-side rendering from the ground up on an existing front-end application (React, Redux and Typescript), which is compatible with third-party libraries such as CSS Modules, Router, Query Param, and Redux Store using Express and Webpack.
- Integrated seamless payment UI/X closely with our designer to support multiple payment platforms such as Paypal, Stripe and Shift4.
- Migrated the existing tech stacks to NextJS

Front-End Engineer @ Wallethub
Nov 2018 - July 2020 // Remote

- Took ownership of OWASP ZAP project in the first week to automate evaluation of found CVE vulnerabilities and to apply security patches.
- Maintained existing features and worked daily with a variety of different languages, frameworks and content management systems such as PHP, JavaScript, Angular 8, TypeScript, Node, WordPress, Redis, SOLR, MySQL, Shell, etc.
- Developed a set of automated security scanners of the most critical web application security breaches based on OWASP.
- Responsible for creating, improving and developing new responsive web pages.
- Researched and analyzed known hacker methodology, system exploits and vulnerabilities based on or escalated from reports submitted through Bugcrowd and Hackerone.
- Initiated and implemented sanity, regression and acceptance unit tests with Mocha.
- Applied SEO best practices and automate processes for sitemap generation, and implemented Google AMP mobile-optimized contents for existing pages.

Front-End Engineer @ Awe
May 2017 – February 2019 // Remote

- Collaborated within a small team to create a 3D web application based on clients needs.
- Took ownership of the core component in the first year, that is responsible for 3D rendering capabilities in our main framework.
- Learned matrices, trigonometry, geometry and linear algebra to engineer the core component.
- Tuned with cross-browsers latest bugs, updates, capabilities policies and for recent features that were related to WebGL, VR, AR or XR.
- Developed and shipped robust and highly interactive plugins for components using ThreeJS.
- Conducted benchmarking for browser's scripting, rendering and painting performance.
- Tracked, analyzed and applied fix patches to code smells and memory leaks.

Front-End Engineer @ Dominopos
April 2016 – May 2017 // Bali, ID

- Wrote modern, performant and robust code for a diverse array of internal projects.
- Contributed to open-source projects whereas to also support company products development.
- Periodically reviewed codes and conducted team discussion to solve possible fragile or outdated solutions.
- Designed and implemented unit testing for existing projects from the ground up. To achieve this, I also managed to work with the quality assurance team to find the best, self-adaptive tools to support the entire product's lifecycle.
- Standardized all output with a new, responsive, mobile-first approach and strategy.
- Won the second cup of the company's annual codecamp event which was to build the first five web pages from scratch in a modern style by utilizing the latest technologies such as Angular (2+), SCSS, Node and MySQL.

Full-Stack Engineer @ LCA
May 2015 – March 2016 // Selangor, MY

- Worked closely with designers and management team to develop, document and manage the logistics workflow.
- Proposed and implemented scalable solutions for deprecated codes that were optimizable to improve performance.
- Built and monitored clients' custom reports and determined necessary enhancements.
- Architected and implemented the back-end features and ensured it was covered in both unit and functional tests, and successfully that it was almost never to break other existing features.

Full-Stack Engineer @ PowerGEN
July 2012 – April 2015 // Jakarta, ID

- Worked closely with managers and interfaced with clients on a weekly basis, providing latest technological expertise and knowledge.
- Developed and maintained multiple projects for a diverse set of clients.
- Provided on-site support for live applications and performed root cause analysis of production impacting issues.
- Architected and built a large-scale windows desktop application for facial recognition and fingerprints identifiers by using .NET4, DigitalPersona, and Neurotech API.

Tech Support @ Digicall
June 2010 – July 2011 // Sydney, AU

- Actively maintained and monitored live VOIP traffic.
- Operated MERA VoIP Transit Softswitch hardware and responsible to replace GSM cards.
- Researched for the best GSM rate deals that benefit company traffic from and to Australia.

Skills

Programming Languages

HTML, CSS/SCSS/LESS, JavaScript (ES6+), TypeScript, PHP, Java, C#, SQL, Lucene, Bash, Apache Rewrite

Libraries & Frameworks

jQuery, Node.js, Express, Fastify, React, NextJS, Redux, Angular (2+), Wordpress, ThreeJS, Bootstrap, Sails, Fontawesome, Laravel, Leaflet, DevExpress, Neurotech, .NET (4+)

Tools & Platforms

AWS, Git, Gulp, Grunt, Webpack, Wordpress, Docker, phpMyAdmin, OWASP ZAP, SOLR, Redis, MongoDB, Elastic Search, Vim, Nightwatch, Mocha, Selenium, Geckodriver, Webdriver, Firebase, Vercel, Algolia, GraphCMS

Others

Photoshop, Illustrator, Premiere Pro, 3D Studio Max, VRay

Education

Sydney University
February 2010 - July 2010 // Sydney, NSW

Graduate Certificate of Master of Interactive Design & Electronic Arts.

Academy of Information Technology
February 2007 - August 2009 // Sydney, NSW

Certificate II of Multimedia
Diploma of Multimedia
Advance Diploma of Game Design

Projects

Unfat
A web app for lossless image compression, built with Node, Express and Python.

URL Shortener
Yet another URL shortener built with Laravel.

Locus
An android application of real-time location tracking, and messaging amongst facebook friends.

Interests

Internet and Technology, Music, Gaming, Reading, Traveling