Richard Nguyen

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My Warm Introduction

PROFILE

Junior Fullstack Developer with 1 year of expertise in React, Angular, Node.js and AWS, passionate about crafting high-quality, customer-focused applications. Skilled in building responsive, accessible, and scalable user interfaces, with experience integrating APIs and optimizing performance. Adept at collaborating in Agile environments to drive innovation and enhance user experiences.

EXPERIENCE

Front End Developer | Property Advisor Project   **September 2024 - December 2024**

Key Technologies: React, Next.js, Tailwind CSS, SEO, Swipe.js, Figma, Trello, GitHub, Agile.
- Translated Figma designs into responsive, efficient React components.
- Integrated Swipe.js to create responsive, interactive, and user-friendly components.
- Implemented SEO best practices to enhance site visibility.
- Worked with cross-functional teams with Agile methodology.

Front End Intern | SWAV   **May 2024 – August 2024**

Key Technologies: React.js, Docker, GitHub, Formik, Yup, Toastify.
- Developed and integrated a notification system.
- Implemented a photo upload feature with input validations.
- Optimized front-end performance, ensuring a responsive and seamless interface across devices.
- Collaborated with cross-functional teams to identify and resolve UI/UX challenges.

Lead Engineer | Hong Phu Yen   **January 2019 – December 2022**
- Designed, operated and maintained production facilities for optimal operation.

TECHNICAL SKILLS

- Front-End: React.js, Next.js, Styled Components, Material UI, TypeScript, Tailwind CSS, HTML5, CSS3
- State Management: Context API, Redux, NgRx
- Testing: Jest, Cypress, React Testing Library
- API Integration: RESTful APIs, GraphQL, Firebase, AWS SDK
- DevOps & Cloud: AWS (EC2, S3, SNS, CloudWatch, Lambda), Terraform, Docker, CI/CD Pipelines (GitHub Actions, AWS CodePipeline, Netlify)
- Version Control & Collaboration: Git, GitHub, Agile, Trello, Slack

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ACADEMIC PROJECTS

School Management – Angular Application | Project Link   **September 2024 - December 2024**

Key Technologies: Angular, Typescript, Angular Material, TailwindCSS, NgRx, Google Charts, Google Places.
- Token-based authentication.
- Integrated Google Charts for data visualization, implemented form change detection.
- Integrated Google Places API to enhance UX.

- Enhanced performance with code splitting and lazy loading.
- State management with NgRx.
- Error-handling mechanisms to manage unexpected outputs and backend errors.

Shop.Co – Fullstack E-commerce Website | Live Demo   May 2024 – September 2024
Key Technologies: React, React Router, Vite, Typescript, Tailwind CSS, Firebase, Netlify, CI/CD.
- Translated from Figma to a responsive and interactive UI.
- Third party libraries (Downshift for autocomplete, Framer Motion for smooth transitions, etc.).
- Mobile-first development of custom built reusable components.
- User Authentication: Sign up, log in, and log out with Firebase Authentication.
- Product Listings: Dynamic product list fetched from Firestore.
- Shopping Cart: Users can add, remove products to the cart, managed on local storage and database.
- Continuous deployment using Netlify CI/CD pipelines.

Quizzit – Quiz Application | Project Link   June 2024 - August 2024
Key Technologies: Razor Pages, C#, .NET Core, Entity Framework Core, SQL Server.
- CRUD operations on quiz questions, leveraging Entity Framework Core for robust database interaction.
- Random questions for every quiz and score calculation.

Xmops – Wordpress Deployment Platform | Project Link   February 2024 – May 2024
Key Technologies: React, Express.js, Terraform, AWS SDK, EC2, Bash, S3, RDS, Cloudwatch, Slack.
- Secure authentication with AWS Cognito.
- Highly scalable and available infrastructure of WordPress servers deployed with Terraform.
- Supported multi-user environments with dedicated workspaces for organizing and monitoring deployments.
- Monitoring UI using AWS CloudWatch metrics to track deployment health and performance.

Web Crawler – Public URL Monitoring | Project Link   May 2024 – September 2024
Key Technologies: AWS CDK, Lambda, S3, SNS, CloudWatch, DynamoDB, Slack, CodePipeline.
- Periodically monitor public URLs for availability and latency.
- Multi-stage CI/CD pipeline with automated tests and deployment using AWS CodePipeline.
- Email alerts using AWS SNS with messages logged in DynamoDB.

EDUCATION

Master of Information Technology   February 2023 – September 2024
Swinburne University of Technology   GPA: 3.44   Major: Software Development

Bachelor of International Business   July 2013 – July 2017
Foreign Trade University   Major: Business

CERTIFICATIONS

Responsive Web Design and Front End Development Libraries - freeCodeCamp   June 2024
Pearson Test of English (PTE) Academic – Overall Score: 90   November 2023

REFERENCE

Available upon requests.