

# THAO TRUONG (SCARLETT)

## Full-Stack Software Engineer

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### Profile

- Experienced and fast-learning Full Stack Engineer with over 4 years in the software development field, specialized in React.
  - Blockchain enthusiastic
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### Professional skills

Front-end	JavaScript (React, Redux, Hooks, d3), TypeScript, SASS, Material UI, Tailwind, Wordpress, CMS (Strapi), Nextjs, Jest, Vercel, Netlify
Back-end	NodeJS, Express, Java, Python, SocketIO
Database	PostgreSQL, TimescaleDB, MongoDB, Firebase, InfluxDB
Infrastructure	Docker, AWS (EC2, S3, ECR, ECS, RDS, Lambda, Secret Manager, Cloudwatch)
Methodologies	Agile, CICD (Github actions), Jira, Git

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### Work Experience

2018 - Current  
DMG Blockchain  
Solutions

#### Full-Stack Software Engineer

##### Mine management/ HELM software:

A software for monitoring and optimizing mining facilities

- Designed UI/UX for the project using Figma
- Developed both back-end and front-end for the product using Node and React
- Visualized time-series data with more than 250,000+ data entries using d3 and ApexChart
- Wrote unit tests, maintained test coverage at 60%
- Deployed product front-end in Netlify, Vercel
- Improved product's performance and scalability to handle tons of data of over 10,000+ individual miners.
- Automated scheduling tasks by using AWS Lambda, pg\_cron
- Involved in data architecture redesign and optimization
- Created proper CICD workflows with Github actions to support agile development (constant production deployments), and reduce manual developer efforts during product deployment
- Participated in code reviews, SCRUM meetings, and sprint planning
- Worked with QA to fix potential bugs
- Played a key role in product release process

**Walletscore:**

An audit and analytics platform that measures the propensity of a crypto wallet to engage in criminal activity

- Developed a Web App interface surrounding DMG's Walletscore services using React, Redux, and d3 for visualizing blockchains that communicated with a back-end using Node/Express. Web App has account management, permissions, authentication, payment processing functions
- Worked with data scientist team to design API

**Wazabi:**

A supply chain management software

- Developed a Web App that functions as a Supply Chain management system that leverage IBM's Hyperledger Smart Contract Blockchain technology
- Collaborated with UI/UX designers to turn wireframes and stories into functional software product

**Company website:**

The company landing page

- Developed and deployed static landing page for DMG
- Communicated with UI/UX designers and Marketing team to make adjustment in design
- Maintained and updated information on the website based on ad-hoc requirements from the Board of Director
- Technologies: Wordpress/ React, Netlify, Cloudflare, MailChimp

2018 - 2019  
Old Dog Web  
Strategies

**Web Developer**

- Built SEO report dashboard in Google Data Studio.
- Built an automation application to pull data from different APIs to generate reports and upload to Google Drive.
- Developed customers database in MongoDB

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## Education

2017 - 2019  
Douglas College

**Post-baccalaureate diploma in Computer and Information System**

3.89/4 GPA

Award: International Student Award - Tier 1

One of my group mobile project with another classmate had been chosen to be presented at Douglas's booth at BC Tech Summit Event 2019

2010 - 2014  
University of  
Economics HMC

**Bachelor of Business Administration**

8.32/10 GPA

Award: Recipient of top 50 students for University Scholarship