# Edward Clark

(https://edwardclark.dev)

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## Profile:

I am a highly self-motivated person that thrives on doing my absolute best at the things I enjoy doing, I like to exceed what is considered the best of my ability, to achieve the goals that I have set for.

I am a hardworking, highly proficient IT professional with 7+ years of experience and a real passion for programming web projects.

A specialist in **React.js**, **Vue.js**, **Node.js**, **Python**, **Django** and **Ruby on Rails**, I take pride in coding to consistently high standards and regularly refresh my skills to ensure I keep up with ongoing developments.

Readily embracing cutting-edge and popular technology, I have gained an in-depth understanding of **Full-stack** development including both **Frontend** and **Backend** development.

While using multiple languages and platforms in the last few years, I recognize the subtle differences between each of them.

I always use modern architecture and programming languages and it makes all my websites keep up to date.

As a team player, communication with others is a must and I always try to listen and understand each other well and make all conversations funny.

## Skills:

- React.js, Redux
- Vue.js, Vuex
- Node.js / Express.js
- Python / Django
- Ruby on Rails
- Javascript, Typescript
- Next.js, Nuxt.js
- Webpack, Babel.js, Gulp.js, Grunt
- MVC / MVP / MVVM / VIPER
- Unit Test / TDD / QA
- OOP / Functional Programming
- REST API, GraphQL
- Mysql, PostgreSQL

- MongoDB, Nosql
- Firebase, Heroku
- AWS, GCP
- Git, Git flow
- Github, Bitbucket
- Docker
- DevOps
- CI/CD pipelines
- FFIEC and PCI guidelines
- Agile / Scrum / Waterfall
- Jira / Asana / Trello
- Machine Learning
- Artificial Intelligence

## Qualifications:

- Certificate of **Full stack Web Development** issued by Lambda School
- Certificate of **DevOps with AWS** issued by Linkedin

## Education:

- **2009 – 2013 National University of Singapore**
  3 A Levels – Computer Science (A), Software engineering (A), Maths (A)

- **Bachelor's Degree of Computer Software Engineering**

## Employment History:

### Full-Stack Web Developer

*Self-Employed*                                                      *Aug 2021 - Present*

- Completed and updated a few client's projects - ongoing work.

  https://www.metnu.com

  https://lugg.com

  https://divizend.com

  https://happyegg.com

  ***Technologies Used:*** *React.js, Ruby on Rails, Python, Django, RESTful API, AWS, MongoDB,*

### Senior Full-Stack Engineer

*Square Inc – Full time, Contract*                                  *Jul 2017 – Aug 2021*

- Initiate projects, review, approve project plans and manage development progress.

- Involved in multi-page, cross browser compatible and responsive web application using Vue JS and bootstrap.

- Working with a lead developer, created an accordion list showing customer banking information using React, Redux, TypeScript.

- Peer reviewed team accomplishments include: Google authorization login, location-based GPS event search, web-to-app deep linking, and Stripe payment processing.

- Participated in the backend development and integrated GraphQL API which was written in Django.

- Custom node.js proxy used to simulate API responses before client implementation was complete, and to proxy requests to finished client APIs, handling authentication, custom headers, virtual application root, etc.

- Watched project changes with Grunt task runner and installed latest version of libraries with Bower based on running in the Node.JS environment.

- Carry out quality assurance tests to discover errors and optimize usability.

  ***Technologies Used:*** *Typescript, React.js, Vue.js, MongoDB, NoSQL, Python, Django, Ruby on Rails, Node.js, RESTful API, GraphQL, Amazon Web Service, Git, Docker, DevOps, CI/CD*

## Full-Stack Engineer

*Workpath – Full time*                                                         *May 2014 – Jun 2017*

- Developed several UIs such as wallet and dashboard screens using React with TypeScript.
- Styled using Semantic UI and Styled Components.
- Developed dynamic web app using React.js and Vue.js for external system to display user's financial eligibility based on given criteria.
- Fulfilled complete SDLC of at least 100+ service requests end to end using Agile methodologies.
- Third Party API integrations such as Stripe, Google Maps, Twilio and so on.
- Conducted front-end and back-end development activities on 5 major web applications.
- Managed scripting packages with Bower installation and Grunt for task runner such as compilation, unit testing, minification.
- Worked on re-writing and migrating classic payment services to a new service to improve availability, scalability and performance using Ruby on Rails.
- Handled testing and code release and deployment.

*__Technologies Used:__ Typescript, React.js, Vue.js, Single Page Application, MVC/MVVM, QA/Unit test, Python/Django, Ruby on Rails, Node.js, Git*

## Work History:

**Personal Projects**    Visit my Github account page to check my personal projects.

*Full stack Developer |* https://github.com/edwardcdev

**Meta Nutrition**        Full stack Developer / MERN Stack

*Freelancer Contract |* https://www.metnu.com

**Lugg**                  Full stack Developer / MERN Stack

*Freelancer Contract |* https://lugg.com

**Divizend**              Backend Developer / Node.js, Redis, Next.js and LoopBack

*Freelancer Contract |* https://divizend.com

**Happy Egg**             Frontend Developer / Vue.js, Vuex

*Freelancer Contract |* https://www.happyegg.com