Karl Mattison

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With 6 years of Extensive programming experience in developing web-based applications and Client-Server technologies using GoLang, Django, Node, Laravel, React, Vue, Typescript. I have 4 years of experience in working with GoLang and 6 years of experience with React.

Work Experience

Freelancer   **September 2017 - Present**

Senior Full Stack Engineer

- Managing entire life cycle of project from requirement, planning to deployment on cloud Amazon EC2
- Developed web-based application using Django, React, Tailwind CSS.

Fermat Software Remote   Full-Time   **May 2020 - April 2022**

Full Stack Engineer

- Used Go Programming Language (GoLang) and Scala in development of the application
- Worked with Go Web Toolkit, Microservices Toolkit, Go-kit Web Service
- MERN stack, React Native for frontend, PHP Laravel, Node, GoLang for backend Scrum Agile methodology for organizing efforts.

Proto Software Remote   Part-Time   **September 2019 - June 2020**

Web Developer

- Used Golang to create backend servers
- Developed backend services using NodeJS and stored dependencies using NPM
- Developed Go API with the revel framework with Ginkgo development at the forefront driving the Test-Driven Development process
- Attended project meetings on a regular basis and helped to improve the Project workflow

Education

Dulwich College   **Singapore, Singapore**
                                                                  2012 – 2015

Technical University of Munich   **Munich, Germany**
                                                                  2015 - 2017

Udemy — The Complete JavaScript Course 2021

- Includes modern JavaScript (ES6+): arrow functions, destructor, spread operators, default arguments, and ventures into ES2020
- Includes object-oriented programming, how JavaScript works behind the scenes, asynchronous JavaScript to access data from APIs using AJAX calls
- Dives into modern tools: NPM, Parcel, Babel and ES6 Modules

Interests & Skills

Languages: C/C++, Python, Javascript, Golang, Ruby

Frameworks: Django, Nodejs, Ruby, Rails, React, React Native, Vue, Typescript

Databases: SQL, MySQL, PostgreSQL, MongoDB

Operating Systems: Linux, Windows, Mac OS, Android

Methodologies: Multithreading, Design Patterns, Agile, Scrum, TDD

Tools IDE: VS Code, Git, Visual Studio, Remix

Cloud Hosting: AWS, Firebase, Google Cloud