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SOFTWARE ENGINEER

4+ years’ experience in software development and a year experience in software engineering and project management. Trained over 200 people, helping them build skills in technology fields. Worked with teams on-site and remotely. Value innovation, growth, and continued learning.

## PROJECT

**Hotel Booking System** <https://github.com/okmarq/bookings>

* **The Design flow for the Booking system includes Database development, Controller setups, Endpoint routing, and API documentation.**
* **The booking system allows customers to search for available rooms with specific services before making a reservation.**
* **Hosted on Heroku for public access and testing before final deployment to the host system.**

## EXPERIENCE

### **ROOTHUB OCT 2020 – Present**

Software Engineer (Full stack)

Engaged in software development with remote teams, and empowerment of others that are interested in getting into the technology industry.

* Built a hotel reservation API that allows customers to check for availability and make reservations for hotel rooms, increasing its process by 15%.
* Created an API for Ngage service to enable a third-party application to retrieve services from the Ngage platform increasing service engagement by 20%.
* Fixed bugs for Trax event management service application in time, allowing it to successfully host the StartConFest event with over 200 people in attendance since 2020.
* Improved several RootHub service applications and tested them to reduce production bugs by 80%.

Web development Instructor

* Trained over 30 developers directly in software development and 200 indirectly in other technology-related fields.
* Organized weekly presentations for trainees to present code and graphical designs for review to improve their work delivery by as much as 90%.
* Reviewed trainees’ projects and guided them on recent standards and best practices to handle about 80% of real-life projects for entry-level roles.

**Technologies used:** HTML5, CSS3, Tailwind, Bootstrap, JavaScript, VUE, PHP, Laravel, MySQL, GIT, Docker, CI/CD.

### **ALUMATE NETWORK INTERNATION LTD FEB 2022 – AUG 2022**

Software Engineer (Full stack)

Created and improved server and code, while maintaining the database for the web and mobile application.

* Engineered the software design and data model used for the new API, in which the website and mobile application shared data with each other via the server-side application.
* Optimized the database design server processing time by 20% via caching and making use of the NoSQL database where necessary.
* Maintained the old API version while making it 100% compatible with the new API.

**Technologies used:** HTML5, CSS3, Tailwind, VUE, PHP, Laravel, MySQL, GIT, CI/CD.

### **THE WATCHTOWER, DUBAI OCT 2021 – DEC 2021**

Software Developer (Full stack)

Contracted by the Watchtower, Dubai, to develop web applications with the remote team.

* Developed restaurant management and delivery application, allowing the restaurant to reach more customers and increase its revenue by as much as 60%.
* Implemented status technology for the restaurant application to allow for effective marketing of products.
* Tested customer support ticketing software to reduce bugs by 20%.

**Technologies used:** HTML5, CSS3, JavaScript, PHP, MySQL, GIT.

## EDUCATION

### **A.S Computer Science DEC 2021**

University of the People, Pasadena California, USA.

### **Nano degree ALX-T Cloud Developer OCT 2022**

Udacity.

## TECHNICAL SKILLS

### Programming

**Proficient:** PHP, Laravel, Symfony, JavaScript, jQuery, Ajax, Axios, Vue, MySQL

**Moderate:** NodeJS, Postgres, MongoDB

**Exposed:** Java, Python, React

### **DevOps**

**Proficient:** CI/CD, (CircleCI), Heroku, DigitalOcean

**Moderate:** AWS (EC2, EKS, RDS, etc), Docker, Kubernetes