

Margai Wangara

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Skills

Frontend: HTML5, CSS3, JavaScript, TypeScript, Reactjs, Redux, Vuejs, Angularjs

Backend: JavaScript, TypeScript, Node.js, Express.js, GraphQL, REST APIs, Flask, Django

Databases: MySQL, PostgreSQL, MongoDB, Redis

Other: Git, Docker, RabbitMQ, Nginx, Apache Kafka, Digital Ocean, Heroku, Travis CI, Github Actions, Jira, Confluence, Azure DevOps

Work Experience

FullStack Engineer@ Work3 Technology

Sept 2020 – Present

Skills: JavaScript, TypeScript, React.js, Angular.js, Redux, GraphQL, Storybook, React Native, Express.js, MongoDB, PostgreSQL, Redis, Jest, Docker, RabbitMQ, GitHub Actions

- Mentored and onboarded two new engineers and integrated them into existing workflows
- Led a team of five engineers to successfully build and deploy Learning Management System(LMS) web application leading to a 23% revenue growth for the company
- Successfully migrated applications from a shared hosting platform to IaaS platform reducing loading times by 50%
- Implemented and maintained automated testing and deployment using Travis CI and GitHub Actions
- Developed and maintained scalable applications using microservices architecture with Docker
- Provided technical analysis support in hiring of proficient junior developers and interns
- Co-chaired monthly code competitions which facilitated healthy competitive practises, increased collaboration and respectful interactions

FullStack Engineer @ Softinyo Technology & Security Solutions

May 2020 – Aug 2020

Skills: PHP, JavaScript, HTML, CSS, MySQL, PostgreSQL, Trello

- Developed frontend solutions with a keen focus on cross-browser compatibility, responsiveness and accessibility
- Led weekly client meetings to foster open communication and provide updates on ongoing projects
- Coordinated with mobile application developers to design and implement REST APIs
- Automated assets optimization using Webpack and minified images and files reducing load times by up to 20%
- Developed and maintained over five web applications using HTML, CSS and PHP

Freelance FrontEnd Engineer @ HeyBooster

Apr 2020 – May 2020

Skills: HTML, CSS, Vue.js, Jest, Trello

- Translated design team's UX wireframes and mockups into responsive, interactive and accessible features using HTML, SCSS and Vuejs
- Worked with backend engineers to link frontend designs with existing APIs
- Collaborated closely with design team and provided input on building scalable and inclusive user interfaces(UIs)

Freelance FullStack Engineer @ Church & Sermons

Aug 2019 – March 2020

Skills: PHP, Laraval, PostgreSQL, HTML, CSS, Trello

- Designed and developed entire application architecture implementing REST APIs for integration with mobile applications
- Successfully deployed to shared hosting and worked on production support

Notable Personal Projects

Habari – Latest technology news and updates application.

Skills: React.js, React Context API, Node.js, Express.js, MongoDB, GitHub Actions, Jest, Chai, Mocha

- Created a web application that scraps blog articles data every 4 hours from the official Laravel website and stores the data in a MongoDB
- <https://habari.margaiwangara.me>, email: margai@margaiwangara.me, password: Margai1234

Mtandao – Social Media Application

Skills: React.js, Redux, Nodejs, Expressjs, MongoDB, GitHub Actions, Jest, Chai, Mocha

- Created a social media application that enables user to create an account and publish posts that are viewed globally
- <https://mtandao.margaiwangara.me> , email: margai@margaiwangara.me, password: Margai1234

Sinema – Movies Website

Skills: React.js, GraphQL, Nodejs, Expressjs, Redis

- Consumed the TMDb REST API and used the data to produce a GraphQL API on the backend which I then consumed on my frontend React application
- <https://sinema.margaiwangara.me>

Education

Sakarya University - BEng. Information Systems Engineering

Oct 2021

- Coordinated with fellow engineers to mentor and guide students on web and mobile technologies
- Published an article on development of fullstack applications using React.js and Expressjs

eMobilis Mobile Technology Institute

July 2021

Skills: HTML, CSS, JavaScript, PHP, Java, SQL

- Focused on web development, primarily front-end development with a custom a complex user interface and back-end development with PHP
- Performed group projects to foster teamwork and coordination efficiency