Natnael Kagnaw

Toledo, OH | natnael.kagnaw@gmail.com | 641-233-9620 | linkedin.com/in/natnael-kagnaw

Frontend Developer with expertise in **web** and mobile application development in **fast-paced, deadline-driven** environments. Committed to delivering seamless user experiences and collaborating effectively within **cross functional** teams. Proficient in **HTML**, **CSS**, **JavaScript**, **React/Redux**, and **Angular**, with a strong emphasis on **testing** applications to ensure **optimal performance** and **accessibility** standards compliance.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java
Frameworks: React.js, Angular, React Native, Express.js, Node.js, Spring Boot
Databases: MongoDB, MySQL, Oracle, PostgreSQL, RDS
Tools: AWS, Docker, Git/GitHub (Version Control), Kubernetes, Jest, Enzyme, CI/CD, Cypress, RTL
Web Development: RESTful API, Sass/Less, JWT (JSON Web Token), Material UI

EXPERIENCE

Adludio   *London, England* | 10.2021 – 10.2022
Data Science
- Achieved an **80% increased** request processing capacity by implementing **multithreading** and **parallel processing** in Python.
- Significantly **improved** data-driven decision-making by actively **developing** and **maintaining** an internal data visualization **web application** with **React** and Spring Boot, **leading to a 40%** increase in data analysis efficiency.

Technologies: Python, JavaScript, **React**, AWS, Git, SQL, MySQL, PostgreSQL, ML, Java, Spring Boot, Testing, Jira

Supernova   *Addis Ababa, Ethiopia* | 04.2021 – 09.2021
React Developer
- Achieved a **98% design fidelity** rate, ensuring that the final web application **closely matched** the original responsive design designs.
- Implemented a system for **instant assessment** and accurate answer correctness feedback using **React**, leading to **improved** concentration and exam performance.
- Offered guidance and **training** on **React**, **Node**.js, and **MongoDB**, supporting **interns** in acquiring the practical skills needed to create full stack applications.

Technologies: JavaScript, **React**.js, Gatsby, Node.js, Express.js, MongoDB, Git, GitHub, Responsive Web Design

Securicom Advanced Technologies   *Addis Ababa, Ethiopia* | 08.2020 – 03.2021
React Developer
- Successfully transformed **20+ mock designs** into highly responsive **React Native** code, significantly enhancing the overall app's UI/UX.
- Guaranteed seamless performance optimizations on **diverse devices** with **98% pass rate**, using a blend of manual and **automated testing** for integration and functionality validation.

Technologies: JavaScript, **React**.js, React Native, MongoDB, MySQL, Testing, Socket, Digital Ocean

EDUCATION

Maharishi International University   *Fairfield, IA* | 11.2022 – Present
MSC in computer science

Addis Ababa University   *Addis Ababa, Ethiopia* | 09.2015 – 12.2020
BSC in Software Engineering

PROJECTS

Ideas | *Personal project*   09/2023
Personal project for sparking fresh ideas and unwinding during downtime, using external APIs for frontend development with strong mobile-friendly design and robust error handling. Link
Technologies: React, REST API, GitHub, Netlify

Xillow | *Academic project*   06/2023
Collaborated to create a property management system. Features include authentication/authorization, Role-based views, search listings, bid on properties and more. Link
Technologies: React, Redux, Material UI, Java, Spring Boot, MongoDB, GitHub, Figma, AWS S3

AskOnce | *Academic project*   04/2023
Created an online platform that fosters interaction between students and professors, enabling them to ask, answer, and upvote good questions. Link
Technologies: Angular, Node, Express, MongoDB, Git, Trello, Selenium, Agile methodology

CERTIFICATIONS

React.Js Essential Training | Test Driven Development | Machine Learning and Data Engineering

OTHER SKILLS

Node.js, Jasmine, Karma, Chai, Mocha, Microservices, HTML5, CSS3, SASS, LESS, ES6/7, DOM Manipulation, Bootstrap, Semantic UI, Junit, Spring, Spring Boot, Spring MVC, Agile-Scrum, Jenkins, Travis CI, Nginx, Cypress, ajax, JSON, jQuery, Mobile-Friendly Development, Debugging, Frontend Frameworks.