Habtamu Bogale

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Software Developer

Detail and team centered software developer with expertise in React, Redux, Express, Node, PostgreSQL, Elasticsearch, Redis, and optimization techniques. Demonstrated proficiency in developing web applications that provide seamless user experiences and leverage cutting-edge technologies to deliver fast and accurate results. Skilled in front-end development, back-end development, and database management, with a focus on building scalable and secure systems. Passionate about staying up-to-date with the latest trends and best practices in web development and continuously improving skills to deliver high-quality solutions.

Work Experience

OM Engineering and Consulting

Full Stack Software Developer, Addis Ababa

11/2021 - Present

- Designed and developed a web application using React, Redux, Node.js, and PostgreSQL, enabling users to manage their finances and investments. Implemented authentication and authorization
- Optimized the front-end performance by implementing lazy loading, code splitting, and caching of static assets.
- Conducted code reviews to ensure code quality and adherence to best practices. Participated in Agile development processes, including daily stand-ups, sprint planning, and retrospectives
- Identifying and resolving IT system problems, inefficiencies, and weaknesses to ensure optimal performance and functionality
- Proposed winning technical bid document for lottery management project and Amharic search engine portal
- Understanding a client's business needs and providing advice on technology best practices

Med Innovations

Frontend Developer and Software Tester, Addis Ababa

08/2019 - 08/2020

- Collaborated with designers and back-end developers to ensure seamless integration of front-end and back-end functionalities.
- Ensured cross-browser compatibility and accessibility of web applications.
- Collaborate with cross-functional teams to ensure software meets business requirements and user needs.
- Developed and executed test plans, test cases, and test scripts to ensure software quality and functionality.
- Identified and reported software defects and issues on click up, and work with developers to resolve them.
- Developed and maintained automated testing scripts and tools to improve testing efficiency and effectiveness.
- Stay up-to-date with emerging trends and technologies in front-end development and software testing

Upwork

Freelance Web Developer

08/2019 - Present

- Delivered clean and readable code according to client's requirements and read repository of existing projects to fix a lot of bugs and add a lot features
- Achieved 100% client satisfaction job score from Upwork by completing 16/16 Jobs successfully
- Looked into the details of clients project, came up with ideas and added an extra feature clients did not thought of, open to feedback and making changes based on client's feedback, communicated well and completed work timely fashion
  - *Link – https://www.upwork.com/freelancers/~01f1aef98fe2d15072*

Projects

Place Finder Website

- Designed and developed a place finder website using React, Redux, Express, Node, PostgreSQL, and Elasticsearch.
- Utilized Elasticsearch to get fast, accurate, relevant and aggregated geospatial search results from 3 million possible addresses.
- Utilized Redis as a caching system and improved search speed 10 times and reduced database load.
- Optimized the front-end performance by implementing lazy loading, code splitting, and caching of static assets.
- Utilized Express and Node to build a scalable and secure backend that handles user authentication and data storage.

Boat Bouncer (peer to peer boat rental service)

- Developed a peer-to-peer boat rental service web application using Next.js and Tailwind
- Implemented payment integration, map integration, and chat functionality to enhance the user experience
- Developed a responsive and user-friendly interface to facilitate easy navigation and seamless interaction
- Utilized Next.js to build a server-side rendered application that delivers fast loading times and improved SEO
- Leveraged Tailwind to create a consistent and visually appealing design system that scales across different devices
- Integrated third-party APIs to enable secure and reliable payment processing, real-time location tracking, and instant messaging.

Skills

Languages - JavaScript/TypeScript (Browser and Node Environment), Python

Web and Services - HTML5, CSS3, JavaScript, Jest, Stripe, REST, GraphQL, Socket.io

Frameworks - React, Next, Gatsby, Express, Tailwind CSS, Material UI, Bootstrap

Databases - MySQL, PostgreSQL, MongoDB, Elasticsearch, Firebase, Redis

SDLC - Waterfall, Agile

Tools - Git, Docker, NPM, ChatGPT, Babel, Webpack,, Azure DevOps, Slack, Postman, Swagger, VS Code

Education

Computer Engineering

Addis Ababa University, Addis Ababa
(2014 - 2019)

Relevant Courseworks: Object oriented programming concepts, algorithm analysis and design, software engineering paradigms and processes, Mathematics and data communications, computer Architecture and digital logic design.

Certificates

- Completion Certificate for Front-End Web Development with React
    - https://coursera.org/share/0ab8a5046d786e59e19c15358b111c13
- Completion Certificate for Structuring Machine Learning Projects
    - https://coursera.org/share/1564aee69fca6187b09b586c437a7413
- Completion Certificate for Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning
    - https://coursera.org/share/012f0aab24dd2bcfc47c5e4d592facda
- Completion Certificate for Neural Networks and Deep Learning
    - https://coursera.org/share/8fd53dbbdb9e962b9a0146b42ed332e4