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Summary

Experienced Full-Stack Engineer with a strong background in developing and maintaining web applications using a variety of technologies including Node.js, Express.js, React.js, and MongoDB. Adept at implementing cloud infrastructure on AWS and automating deployment and management processes. Possesses excellent problem-solving skills and the ability to work well in a team environment. Committed to delivering high-quality software and continuously improving technical skills.

Employment History

Full Stack Software Engineer

Tatango • North Carolina Zoological Park, NC

05/2021 - 01/2023

Responsibilities:

- Developed full-stack web apps using Node.js, Express.js, React.js, MongoDB and AWS.
- Implemented AWS cloud infrastructure for scalability and availability.
- Created REST APIs and developed dynamic front-end with React.js.
- Automated deployment and management on AWS.

Achievements:

- Reduced response time of web apps with microservices architecture.
- Designed secure user management system.
- Increased SMS delivery rate by 45%.
- Implemented a new CI/CD pipeline using AWS CDK

Full Stack JavaScript Developer

Tupublish, Inc • Denver, Colorado

02/2021 - 05/2021

Responsibilities:

- Developed and maintained a multi-purpose social media application using Node.js, Express.js, React.js, and MongoDB.
- Implemented AWS cloud infrastructure for scalability and availability.
- Created REST APIs and developed dynamic front-end with React.js.
- Automated deployment and management on AWS.
- Optimized database performance and integrated caching.
- Participated in code reviews and project planning.

Achievements:

- Improved user experience with real-time updates and notifications.
- Increased the number of active users by 40% through targeted marketing campaigns.
- Designed a highly secure user authentication and authorization system.
- Reduced server response time by 50% through optimized database queries and caching.

React Developer

Cheqin.online • London, England

04/2019 - 12/2020

Responsibilities:

- Developed and maintained the user-facing interface of an attendance management system for a church, including check-in, check-out, and reservation services.
- Built the front-end using React.js, HTML, CSS, and JavaScript.
- Implemented responsive design to ensure optimal user experience on different devices.
- Collaborated with UX/UI designers to implement visually appealing and user-friendly interfaces

Achievements:

- Improved user experience with intuitive and user-friendly interfaces, resulting in a 25% increase in usage.
- Designed a dynamic reservation system that improved the accuracy of attendance tracking by 60%.
- Built an email based notification system that improved communication with users and reduced confusion during events.

Javascript/Node.js

Side Project: Commandline tool

- A command line to be used by the pizza delivery web application administrators to interact with user data. checking orders made within 24 hours. Check the user's information. creating an admin user listing menu items.. listing users and other functionalities
- **Repository:** <https://github.com/mactunechy/pizza-delivery-api-nodejs>

Javascript/Node.js/React/

Side Project: React Real Time chat application

- This is a real-time browser chat application with an express backend it's not live so, again I will show you a video presentation and the link to the source code
- **Video Presentation:** <https://www.loom.com/share/c6b843018e504ff285c6390b34868bc7>
- **Repositories:**
- Backend: <https://github.com/mactunechy/chat-app-backend-nodejs>
- Frontend: <https://github.com/mactunechy/chat-app-react-frontend>

JavaScript Full Stack Developer

Side Project: Driving Provisional School

- A web application for driving provisional test practice. With weekly subscriptions.. the subscriptions will allow access to randomly generated exams and typical exam questions
- **Technologies:** Node.js/Express.js, MongoDB/Mongoose.js, React.js/Redux.js, Stripe API
- **Frontend-react:** <https://github.com/mactunechy/provisional-client>
- **Backend-express:** <https://github.com/mactunechy/provisional-node>

Professional Skills

Software development, React, React Native, MongoDB, Express.js, Node.js, SQL

Education

O Level

Rusununguko High School • Goromonzi, Mashonaland East

11/2014

Mathematics A, English B, Principles of Accounts A, Geography A, History A, Physical Science A, Integrated Science A, Shona

A level

Rusununguko High School • Goromonzi, Mashonaland East

11/2017

Mathematics A, Physics B, Chemistry B, Accounting

Full Stack Web Developement

Self taught with passion

Graduated - 11/2015

CORE QUALIFICATION

- Cloud development with AWS services, for example, Lambda, SQS, SNS, ECS/EC2, Redshift, DynamDB, RDS
- CI/CD with AWS CodePipeline and Buildkite
- IAC with CDK and Cloudformation
- Agile processes using tools like JIRA and Shortcut
- Web design and development
- Experienced with full software development life-cycle, the architecture of scalable platforms, object-oriented programming
- Building single-page applications with Reactjs
- State management with React-Redux, Redux, Context API
- Proficient with NoSQL databases such as MongoDB, DynamoDB
- NoSQL database modeling with Mongoose.js
- Proficient and effective Nodejs Backend development
- Knowledge in maintaining various version controls systems such as GIT and Github

Languages

English, Shona
