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MUKHTAR BAHADORY

Relevant Links:
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TECHNICAL SKILLS

Front-End: JavaScript/TypeScript ES5/ES6+, React, React Hooks, Redux, HTML, CSS, SASS, jQuery, Material UI
Back-End: Node.js, Express, Next.js, Gatsby, GraphQL, Nginx, AWS(Lambda, Gateway, EC2, ECS, S3)
Databases: MongoDB, DynamoDB, PostgreSQL, MySQL, Prisma, Mongoose, Sequelize
Tools: Jest, Enzyme, Webpack, Git, Agile, AWS(X-Ray, CloudWatch, CloudTrail), Pair Programming, Docker, Chrome Extension APIs, Heroku, Loader.io, New Relic, Puppeteer Test Automation, Remote Workflows, UED Design

SOFTWARE ENGINEERING APPLICATIONS

A-Commerce || Full-Stack Engineer || [Github](#)

Collaborated with other engineers to optimize an inherited codebase for production load

Express, PostgreSQL, New Relic, Loader.io, Docker, AWS EC2, PM2, Nginx, Redis, Cassandra, Node.js

- Utilized AWS and Nginx to horizontally scale the application and achieve high availability and reliability
- Stress tested PostgreSQL, Cassandra, and Redis across 10M records to deliver an optimal client experience
- Achieved above 90% on all Google Lighthouse audits by optimizing bundles, assets, and caching

YouTube Note Taker || Full-Stack Engineer || [Github](#)

Developed a Youtube integrated Chrome extension allowing users to take and categorize notes on a per-video basis

React with Hooks, Node.js, GraphQL, Chrome Extension APIs, Prisma, JWT Auth, Heroku, PostgreSQL

- Created a feature rich full stack application, empowering users to archive resources on YouTube
- Delivered a highly performant and intuitive API powered by GraphQL and PostgreSQL
- Supported user authentication and authorization by leveraging JWT on all API operations

Aqua Rentals || Full-Stack Engineer || [Github](#)

Co-produced a property rental application using a microservices architecture

React with Hooks, Node.js, Express, MongoDB, AWS EC2, Jest, Enzyme

- Leveraged React, Express, and MongoDB to employ a highly engaging user experience
- Employed Agile methodologies to coordinate across microservices and swiftly deliver software updates
- Achieved 80% testing coverage using Jest & Enzyme and deployed the application using EC2

Chaos || Full-Stack Engineer || [Github](#)

Created a real time application allowing strangers to create and join public chats and engage in direct messaging

React with Hooks, Node.js, Socket.io, Express, AWS EC2, React Router

- Coordinated Socket.io with Node.js and React to provide a responsive real-time experience for users
- Prioritized user security and privacy by keeping chat state ephemeral and sanitizing all user inputs
- Allowed users to indicate and maintain their typing state for their respective recipients

CERTIFICATIONS

Certified AWS Developer || Amazon proctored exam, designed to assert readiness with Cloud technologies 2021

SELECTED EXPERIENCE

Google Lighthouse Pagespeed Optimizer Remote

2019

- Utilized techniques and technologies such as caching, CDN, and resource minification to improve load times

EDUCATION

Hack Reactor Remote || Advanced Software Engineering Immersive Program

2020

Richland College || Computer Science Undergraduate

2019