

Sadiq Saleem

Full Stack Web Developer



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<https://www.linkedin.com/in/sadiq-saleem-21075a18b/>



<https://github.com/Sadiq008>

SKILLS

HTML

CSS

React.js

Node.js

MongoDB

MS-SQL

DevOps

EDUCATION

Cresta School of Management Science
& Arts, Mysore

Bachelor of Computer Application (BCA)
(2019 - 2022)

About Me

Passionate about Web Development, Goal is to achieve a good position by doing a satisfying job in the IT field, firmly focused on completing the tasks in a fast-paced environment.

CERTIFICATION

Certificate of Participation in "Spectra 2020"
National Level Inter Collegiate, Management, IT and
Cultural Fest at HINDUSTAN FIRST GRADE COLLEGE,
Mysore

(Feb 2020)

Certificate of Appreciation Program in "Web
Designing"

(Dec 2019)

Full Stack Web Developer MERN Stack

(Nov 2022 - May 2024)

Zero to Hero Next.js 14 course for real project
development

(10th July, 2024)

Certificate of Completion for completing 2-day AI
Tools Workshop

(13th - 14th July, 2024)

Build an API for Authorization/Authentication using NodeJS

- Developed a robust API using ExpressJS, facilitating seamless user sign-up and sign-in functionalities.
- Engineered MongoDB integration to securely store user data and implemented specific routes for sign-up and sign-in using POST request methods.
- Developed a robust API using ExpressJS, facilitating seamless user sign-up and sign-in functionalities.
- Engineered MongoDB integration to securely store user data and implemented specific routes for sign-up and sign-in using POST request methods.
- Enforced password security measures by ensuring a minimum length of 5 characters for storage in the database.
- Implemented error handling to provide users with relevant error messages in case of false Username or Password inputs.
- Utilized the bcrypt package from NPM to hash passwords before storing them, ensuring enhanced security.
- Incorporated validation checks to return a precise 404 status code and error message for non-existent usernames or incorrect passwords.

Build an Application that uses Unsplash API to retrieve images from it and display 12 of them using ReactJS

- Acquired Unsplash API Client Key from unsplash API website for the project to develop an application displaying 12 images based on user search.
- Implemented a user-friendly interface with a search box and button allowing seamless image search functionality.
- Ensured a user-friendly experience by displaying "no image found" message when no results are returned.
- Enhanced user experience by displaying small dimension images with links to higher resolution versions.
- Implemented error handling to log API errors to the console for effective troubleshooting.

Querying a Large Relational Database, using MS-SQL

- Downloaded the AdventureWorks database from GitHub and restored it on the server.
- Extracted details from the person table in AdventureWorks database, including email IDs, phone numbers, and phone number types.
- Retrieved sales header order details for May 2011.
- Fetched sales details order for the month of May 2011.
- Calculated the total sales for May 2011.
- Analyzed the total sales for the year 2011, sorted by increasing sales on a monthly basis.
- Obtained the total sales made to the customer with FirstName='Gustavo' and LastName='Achong'.

Creating a lifecycle for the product-based company using DevOps

- Orchestrated a DevOps lifecycle to seamlessly implement all requirements in Docker containers within the testing environment without any disruptions.
- Established a Git workflow to streamline development in the monolithic architecture of the company.
- Developed and containerized code using Dockerfile, ensuring its automatic rebuilding upon every push to GitHub, resulting in enhanced efficiency.
- Engineered a custom Docker image using Dockerfile and deployed the containerized code from Docker Hub onto a Kubernetes cluster with 2 replicas for the production server.
- Implemented a NodePort service and configured it for port 30008 to facilitate smooth deployment and accessibility.
- Automated the entire process by creating a Jenkins Pipeline script, ensuring continuous integration and deployment.
- Employed Ansible for configuration management, deploying configurations on servers to install necessary software and configurations, thereby enhancing infrastructure efficiency.

Developed a 'Refer & Earn' Web Application for Collecting Referral Data, Sending Confirmation Emails via Gmail API, and Storing Information in MySQL Database

- Implemented a web page for 'Refer & Earn' using ReactJS, with a sleek design created using Tailwind CSS and Heroicons for a seamless visual and UI experience.
- Developed a dynamic form utilizing a separate file to capture input values, store them in MySQL database, transmit information via Gmail, and add to the server in JSON format.
- Established a dedicated folder for the development of API and database using NodeJs and MySQL post completion of web page and form design and development.
- Engineered an API to effectively store information in JSON format, set up a MySQL database to capture form data, and enabled transmission of input values to Gmail, leveraging ExpressJS, mysql2, nodemailer, and prisma packages.
- Successfully deployed the frontend on "Netlify.com" and the backend on "Render.com" to ensure seamless integration and functionality.

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