

Balaji Aadesh

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Experience

Nable Invent Solutions Pvt.Ltd, Associate Full Stack Software Engineer | Full Time

Oct 2023 - Present

- As a Full stack Developer I spearheaded pivotal projects, including a comprehensive **Business Management** Website and an innovative **Employee Self-Service platform**
- Implemented robust frontend solutions utilizing **REST APIs**, ensuring seamless integration with backend systems.
- Engineered a meticulously structured UI employing advanced optimization techniques like **useMemo**, **lazy loading** and **code splitting** to enhance performance.
- Integrated state management with **Redux Persist** and **Redux Toolkit**, ensuring data integrity and application stability.
- Designed and implemented user authentication systems **Register** and **Login** using **protected Routes** to safeguard sensitive information.
- Developed a dynamic dashboard featuring intuitive **drag-and-drop** functionality for enhanced user experience

Dave's Brother Technology :Front-End Developer Intern | Jabalpur, India

Jan 2023 - Apr 2023

- Working on their core application using frontend technologies involving the React Redux and Redux toolkit
- As part of a team, I contributed to the development of a reusable admin dashboard. This dashboard enabled users to perform **CRUD** operations with ease. As I work on both the design of a new user interface and the development of the backend infrastructure needed to support this feature.
- Primarily used **ReactJs** with **Material Ui** component library along with Redux and Redux toolkit, experience with **Node**, **Express**, and **MongoDB**

Education

7.5/10	ITM UNIVERSITY, GWALIOR , Bachelor of Technology in Computer Science	2019-2023
8.4/10	Sri Chaitanya Junior College Senior Secondary (XII) , Percentage - 84.3/100	2017-2018
8.7/10	SRI CHAITANYA SCHOOL Secondary School (X) , Percentage - 87/100	2015-2016

Skills

Programming	C/C++, Javascript
Technologies/Libraries	Html ,Css , Tailwindcss , MaterialUi
FrameWork/Database	ReactJs, NodeJs, ExpressJs, MongoDB, MySql

Projects

ECOMMERCE WEBSITE

Shopping Website, Personal Project

Video Link Github Link

- Implemented a dynamic e-commerce web application using **ReactJs**, **Node**, **Express**, and **MongoDB**
- Using category-based fetching of products, when a user selects a category, all the products from that category are displayed.
 - Users can customize their search by filtering and sorting items according to their preferences. Simply select the desired product size and color from the drop-down menu.
 - With the use of **Redux** and **Redux Toolkit**, we were able to implement a cart feature that allows users to easily add their desired products to their cart.
 - Login, registration, and log-out functionality integrate with the backend, where users create an account and log in via the cookie token using secure **JWT authentication**. The password is encrypted in the database by using **BcryptJS**.

BLOG WEBSITE

social media blogs, Personal Project

Video Link Github Link

- I developed a full-stack blogging platform using modern web technologies, including **ReactJs** for the front-end, **Node.js** and **Express** for the back-end, and **MySQL** for the database management system. This project aimed to provide users with a seamless blogging experience, allowing them to register, log in securely, and create their own blog posts.
- Implemented robust user authentication functionality, enabling users to register for an account, securely log in, and log out of their accounts.
 - Developed a feature-rich blogging system that empowers registered users to create, edit, and delete their own blog posts. Each post is associated with the user who created it, ensuring proper attribution
 - Designed and implemented an efficient MySQL database schema to store user profiles, blog posts, and related metadata. Leveraged SQL queries to perform **CRUD** operations and maintain data integrity.
 - To secure user authentication to protect user data and prevent unauthorized access. I utilized industry-standard techniques such as password hashing with **bcrypt** and session management with **JSON Web Tokens** (JWTs), ensuring robust authentication and authorization mechanisms.

Links

Github	github.com/balaji-aadi
GFG	geeksforgeeks.org/user/balajiaadi2000
Leetcode	leetcode.com/Aadi2000
LinkedIn	linkedin.com/in/balajiaadi2000