

Madhu Kiran Reddy B

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PROFILE SUMMARY

Experienced software professional with 1.11 years of expertise in developing applications using React JS, Node.JS, Express JS, JavaScript, MongoDB, and MySQL. Skilled in GitHub for version control and collaborative development. Proficient in using Postman for testing REST APIs to ensure backend functionality and reliability. Actively contributed to standups and sprint meetings to deliver project on-time. Highly self-motivated, eager to take new challenges, and committed to continuous learning.

SOFT SKILLS

- Task Management
- Initiative Driven
- Deliverable Oriented
- Innovative Thinking

FUNCTIONAL SKILLS

- Cross functional
- API Integration
- Test Cases Evaluation (Postman)
- SQL and Databases

TECHNICAL SKILLS

- **Programming Languages:** JavaScript | SQL
- **Frontend:** HTML | CSS | React.JS | Redux |
- **Backend:** NodeJS | Express JS | Socket.IO
- **Database:** MySQL | MongoDB
- **Tools & Platforms:** MySQL Workbench | MongoDB Compass | VS Code | Postman.

PROFESSIONAL EXPERIENCE

Software Engineer | BrightCom Group | Hyderabad

Nov 2022 – Present

Technologies Used: React JS, Redux, Material UI, Node JS, Express JS, Mongo DB, REST API

- Developed and deployed a comprehensive employee management web application accessible to employees. The application features a user-friendly interface, enhancing productivity and organizational efficiency across all roles.
- Integrate role-based access control RBAC with JWT login authentication. Ensures secure access for USER, HR, IT, and ADMIN roles, with each accessing only relevant features, enhancing security and usability.
- Enabling efficient CRUD operations and seamless frontend integration. Utilized nodemailer for OTP verification emails, greetings, leave approvals, and announcements.
- Offered essential features for employees, such as attendance tracking, leave management, announcements, holiday schedules, payslip access, and an office gallery.
- Provided data visualization with line charts for attendance trends and pie charts for leave distribution, offering clear insights into employee attendance and leave utilization.
- Implemented robust admin controls for employee management, access control, company group and page creation, reporting structure setup, attendance data upload, office gallery uploads, and announcement creation.
- Played a key role in implementing an attendance tracking feature for admins to upload zip files of Excel sheets, automating status determination, compensation calculations, and extra hour compensation, streamlining processes.
- Collaborated within an agile development framework, actively engaging in sprint planning, daily stand-ups, and retrospective meetings to ensure the timely delivery of features and enhancements.

PERSONAL PROJECTS

➤ **Library Management (Backend Application)** [[GitHub](#)], [[Live URL](#)], [[PostMan Collection](#)]

Technologies Used: Node JS, Express JS, Mongo DB

- Having users, books, and libraries schema. Users may be author or borrower, while only the admin can create and manage books and libraries. CRUD operations on books and libraries are performed based on user roles
- Integrated multilingual support (English and Hindi) and Firebase for book image storage, ensuring efficient file handling and localization.
- Implemented JWT-based authorization to secure APIs and control access based on user roles

➤ **Social Media Web Application.**

Technologies Used: React JS, Redux, Material UI, Node JS, Express JS, Mongo DB, Socket IO, REST API

- Implemented comprehensive CRUD functionality for user profiles, including image posting, post display, and user search.
- Engineered the "Reactions to Posts through emoji" feature, allowing users to express themselves and view who liked a post based on their chosen emoji. Worked on nested comments
- Integrated a robust friend request system to enhance user engagement and social connectivity.
- Worked on real-time messaging with Socket.io for live conversations with friends.
- Implemented JWT-based authorization for secure user access and a "Forgot Password" feature with OTP verification to enhance account security.
- Utilized Cloudinary for seamless image storage and management, optimizing media handling within the application

EDUCATION

➤ B.Tech., 7.44 CGPA – KSRM College of Engineering, Kadapa | *August 2017 – July 2021*

➤ HSC, 80% | CBSE, Jawahar Navodaya Vidyalaya, Banavasi | *July 2015 – April 2017*

➤ SSLC, 9.00 CGPA | CBSE, Jawahar Navodaya Vidyalaya, Banavasi | *July 2014 – May 2015*