

BALAVIGNESH

Junior Developer

+91 8825559375 vigneshvickybsc1999@gmail.com <https://github.com/BalavigneshRajasekar> Chennai,TamilNadu

SUMMARY

Eager and motivated entry-level developer with a solid foundation in web development technologies and a passion for creating visually appealing and user-friendly interfaces and creating REST API for the application process. Already I have 2 years of experience in the Software Testing Domain So It's easy for me to understand applications and concepts

EXPERIENCE

TestEngineer

Indium Software

chennai

02/2022 - Present

Indium is an digital engineering company Build modern solution across application, data and gaming

- Working in a CI CD project flow

SKILLS

Programing-Language: Core Java, Javascript, Typescript

Client-side: Html, CSS, Javascript(ES6), ReactJS, Angular, Bootstrap, MaterialUI, Tool / Technology

Server-side: ExpressJS, MySQL, NodeJS, AWS, MongoDB

Development & Operations: Jest, Scrum, Agile, GIT, postman

PROJECTS

Library Admin dashboard

11/2023 - 11/2023

<https://library-admin-dashboard-angular.vercel.app/>

chennai

Library management all kind of CRUD operations

- Designed an intuitive user interface allowing librarians to efficiently handle book cataloguing, borrower information, and transactional records.
- Leveraged Angular to create modular and responsive components, ensuring a seamless user experience
- Provided flexibility to configure rule using centralised NodeJS based GUI
- Developed Rest API in Node JS to perform CRUD operations on book data, maintaining consistency and integrity in the library database.
- Implements Lazy loading to maximise the application performance
- Implement the Authentication for Authorized users to enter and maintain JWT for session break breaks

E-Com Application

02/2024 - 02/2024

N/A

chennai

E-com Users can able to buy clothings and accessories

- Designed and developed a full-stack e-commerce web application using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Utilized React.js to create a dynamic and responsive user interface, incorporating features such as product listing, search functionality, shopping cart, and user authentication.
- Built RESTful APIs using Node.js and Express.js for handling HTTP requests and interacting with the MongoDB database. Implemented features like user authentication, product management, and order processing.
- Designed and implemented MongoDB schemas to efficiently store and retrieve product data, user information, and order details.
- Integrated third-party APIs for payment processing and shipping services. Conducted thorough testing using tools like Jest and Enzyme to ensure reliability and functionality

PROJECTS

Tic-Tac-Toe

<https://tic-tac-too-three.vercel.app/>

Two player game X and O

01/2024 - 01/2024

Godāwari, Nepal

- Developed a classic Tic Tac Toe game application using React JS
- Implemented the core game mechanics using JavaScript, including player turns, win detection, and tie conditions, ensuring an engaging and interactive user experience.
- Designed a visually appealing and intuitive user interface using HTML and CSS, featuring a responsive layout for seamless gameplay across various devices.
- What was a successful outcome of your work? (e.g. Raised \$3,000 for the charity)

User Task Management

<https://usercrud-eight.vercel.app/>

Manage all the users in an organisation

03/2024 - 03/2024

chennai

- Designed the architecture and database schema for the application, considering factors such as user roles, task categories, task priorities, and task statuses
- Developed the user interface using modern frontend technologies such as React.js, ensuring a responsive and intuitive user experience. Implemented features like task listing, task creation, task editing, and task assignment
- Built RESTful APIs using Node.js and Express.js to handle user authentication, task CRUD operations, and user-task associations. Utilized MongoDB as the database to store task data efficiently.

Room booking API

N/A

Created a REST API for booking room it provide all kind of service endpoint

05/2024 - 05/2024

chennai

- Designed the architecture of the API, including endpoints, request/response schemas, and database schema using industry best practices and architectural patterns like MVC (Model-View-Controller).
- Implemented the backend logic using Node.js and Express.js, utilizing MongoDB as the database to store room data, reservation details, and user information. Developed CRUD (Create, Read, Update, Delete) operations for rooms and reservations.
- Implemented input validation and error handling to ensure data integrity and provide informative error messages to clients, enhancing the reliability and usability of the API.

EDUCATION

BS. in Computer Science

Alpha arts and science college, GPA 6.5/10

Chennai

2016 - 2019

ComputerScience

Government higher secondary school, GPA 7.5/10

chennai

2014 - 2016

COURSES

MERN STACK DEVELOPMENT

At GUVI technologies

Javascript Fundamentals

Udemy courses