

ABIJITH SURENDRAN

Backend Developer

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[LinkedIn](#)

[GitHub](#)



SUMMARY

A self-taught MEAN stack developer, honing skills in crafting web applications with passion. Highly adaptable, with a proven aptitude for problem-solving and a knack for quickly assimilating new ideas and technologies. Efficient in project management and effective collaboration, whether independently or as part of a team. Enthusiastic about learning new technologies, maintaining dedication and versatility in the development journey.

TECHNICAL SKILLS

FRONTEND

- Angular
- RXJS
- NgRx
- HTML5
- CSS3
- Bootstrap
- Angular Materials
- UI Kits

BACKEND

- Node.js
- Express.js
- Nest.js
- Mongoose(ODM)
- Sequelize(ORM)
- WebSocket
- REST API
- JWT (JSON Web Tokens)

DATABASE

- MongoDB
- MySQL

LANGUAGES

- JavaScript (ES6)
- TypeScript

PROJECTS

LabourHive | Local Area Job Portal Service

Designed and developed a local job portal connecting job seekers and employers, facilitating local job postings and labour hiring. Implemented a real-time chat option to enhance interaction between labourers and hirers.

- Modules: User and Admin.
- Allow users to add job profile and view job profiles.
- Allow users to post job requirements.
- Integrated **Mapbox** for location-based services.
- Integrated Google authentication with **Auth 2.0** for seamless user login and registration.
- Implemented **Razorpay** payment gateway for ensuring secure payment.
- Implemented real-time chat for interacting with clients and laborers using **Socket.IO**.
- Authentication & Authorization using **JWT**.
- Created interactive and State full Components.
- Backend development using **RESTful API**.

Technologies used : Angular, Node.js, Express.js, MongoDB, RXJS, NgRx, REST APIs, Bootstrap, JWT, Cloudinary, Angular Materials, Nodemailer.

Repository Link : [Git Repo](#)

DEVELOPMENT TOOLS

- Git & GitHub
- Figma
- Postman

INTEGRATIONS

- Socket.IO
- Razorpay
- Nodemailer
- Cloudinary
- Mapbox

OTHERS

- AWS EC2
- Nginx
- MVC Architecture
- Microservice Architecture
- Docker
- Rabbit MQ
- Data Structures and Algorithms

EXPERIENCE

QA/QC Engineer

Sam Engineering Constructions,
2019 - 2022

EDUCATION

MEAN Stack Development

Brototype, Calicut
November 2023 - Present

Bachelor's in Mechanical Engineering

Coorg Institute of Technology,
Kodagu, Karnataka.
July 2015 - August 2019
CGPA - 6.91

E-Zone | E-commerce Application

E-zone is a dynamic and user-friendly e-commerce website for gadgets built using **Node.js**, **MongoDB**, **HandleBars** and **Bootstrap**. It provides a seamless online shopping experience, allowing users to browse and purchase gadgets with ease.

- Modules: User and Admin.
- Implemented user registration, **authentication**, and personalised user accounts.
- Designed a visually appealing product catalogue with **search** and **filtering** functionalities.
- Successfully integrated the **Razorpay** payment gateways, ensuring various payment options for customers.
- Developed an admin dashboard for efficient website management, including **product inventory** and **user management**.
- Implemented **shopping cart**, **wallet**, **checkout**, **product rating** and **return features**.

Technologies used : Node.js, Express.js, MongoDB, REST APIs, Bootstrap, Cloudinary, Nodemailer, Multer.

RepositoryLink : [Git Repo](#)

MINI PROJECTS

Weather App using Angular [Git Repo](#)

- Designed and developed Weather App, a user-friendly application that provides real-time weather data such as humidity, wind speed and temperature for any location.
- This project involved leveraging the **OpenWeather API** to ensure accurate and up-to-date information.

Netflix-Clone using Angular [Git Repo](#)

- Developed a Netflix clone using Angular, integrated with the **TMDB API** to display movie details and play trailers, ensuring a sleek user interface and seamless TMDB API integration for an optimal viewing experience.