


Ruthvik Vachhani

Software Developer
Mumbai University

 (+91) 8369404861

 rutvikvachhani718@gmail.com



Objective

Salutations to all recruiters, I am Ruthvik Vachhani, a dedicated and eager professional who aspire to become fullstack AI/ML Developer. My experience in the field has provided me with the capability to create complete web applications. Furthermore, I am excited to expand my skill set by diving into new technologies, such as Artificial Intelligence, Machine Learning, and Blockchain. I am actively seeking a position where I can apply my existing skills while continuing to develop and advance within my field of interest.

Skills & Expertise

Concepts	Data Structures & Algorithms, Object Oriented Programming Systems, REST, Microservices		
Languages	HTML, CSS, JavaScript, Python, SQL, C, C++, Java	Versioning	Git, GitHub, GitLab
Frameworks	React.js, Vue, spring boot, spring mvc, Express.js, Node.js, Django	Databases	PostgreSQL, MySQL, MongoDB

Professional Experience

Siloho

Nov 2022 to Present

Software Developer

Backend - Designed and developed multiple features that are both scalable and optimized for performance.

1. **Search** - In addition to standard search, the feature also provides "search as you type" capability.
2. **Product Addition** - The feature automates the collection of relevant information from a product URL of a partnered vendor and saves it in the database.
3. **Sorting** - The feature retrieves a list of products and sort all the product present in database according to filed selected in datatable in frontend and makes it available through a paginated REST API endpoint.

Frontend - Developed and optimised features that directly affect the growing userbase of the company

1. **EHD Page** - I played a key role in the development of the EHD page, which is a revenue-generating website that displays the design of a house separated by rooms. Specifically, I was responsible for the data flow logic, business logic implementation and also part of UI using Vue and Nuxt.
2. **Auth** - I was part of team for implementing a feature that restricts access to certain pages until the user logs in. I have specifically worked on two authentication methods: OTP authentication and Google authentication.
3. **Infinite scroll** - I was in charge of incorporating a functionality that would load a new group of products when the user reaches the bottom of the page by scrolling.
4. **Customization page** - I was a member of a team that created a feature that allows users to change the product displayed in the panoramic image, which provides a 3D view of the room.

TCSL

June 2021 to Oct 2022

Assistant System Engineer

Established skills to develop reusable components in React.js and implementing state management with Redux and utilizing hooks. Furthermore, I was able to design and create APIs using Spring Boot, connect them to databases and integrate them with the front-end using React.js.

- **360 Degree View** - I was a member of the team responsible for creating a feature that collects data on all clients for a specific Relationship Manager and presents it in both an aggregate format and as individual client information.
- **training** - During my training, I gained knowledge of microservices utilizing Spring Boot and React.js and basics of docker.

Projects

FullStack User Management Site - HTML, CSS, JavaScript, React, SpringBoot, MySQL

Developed a web application to maintain User Table.

1. **Api** - Created a SpringBoot api for CREATE, READ, UPDATE AND DELETE user data from database using REST APIs.
2. **UI** - Designed and built the UI to support the aforementioned features in React.

3D Parking Assistant using Ultrasonic Sensor - c, python, Gaussian Naive Bayes and occupancy grid algorithm

Aim of this project was to develop system which will map the parking space using Occupancy grid algorithm. We have use array of Ultrasonic sensor for mapping the parking space.

Education

Terna Engineer College

B.E. Mechatronics *CGPA - 8.12*

2017 to 2021