

Sai Krishna

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Professional Summary

I am a highly skilled developer with expertise in an array of cutting-edge technologies. My proficiency spans across JavaScript, ReactJS, Data Structures & Algorithms, Java, HTML, CSS, Redux-Toolkit, NodeJS, Express JS, and MongoDB. Leveraging my extensive knowledge and experience, I have successfully crafted impressive replicas of renowned platforms such as Weather App and Meal Planner. My passion lies in creating highly efficient and user-centric applications, utilizing my technical prowess to deliver robust and innovative web solutions.

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2022	Bachelor of Technology	University College of Engineering Narasaraopet	7.2/10.0
2018	Intermediate (Class XII)	Sri Chaitanya Junior College	939.0/1000.0
2016	Matriculation (Class X)	Sri Krishna Vidya Peet School	9.0/10.0

Experience

Virtusa Consulting Services Pvt Ltd | Associate Engineer

June 2022 - Present

Dedicated Associate Engineer with one year of valuable Java experience at Virtusa. Seeking to leverage expertise and contribute effectively to challenging projects while continuously expanding technical skills in a dynamic work environment.

Internship and Certifications

Oracle | Java SE8 Core Programming

November 2022 - November 2022

I cleared Oracle Certified Associate, Java SE 8 Programmer certification

Newton School | Newton School Java Full Stack Trainee

October 2022 - Present

Learning: Java, Data Structures and Algorithms based on linear and non-linear, HTML, CSS, JavaScript, React.js, Node.js, MongoDB

1. Developed web applications using HTML, CSS, and JavaScript, ensuring user-friendly interfaces and interactive features.
2. Acquired proficiency in Java, DSA, HTML, CSS, JavaScript, React.js through continuous learning.
3. Successfully completed a project that involved implementing HTML, CSS, and JavaScript, resulting in user-friendly and interactive web applications.

Projects

Employee Management System | Self

July 2023 - August 2023

Features:

- Employee and Department Management
- User Authentication with Role-based Access
- Data Validation and Integrity
- RESTful API for CRUD Operations
- User-friendly React.js Frontend

Tech Stack:

- Frontend: React.js, Axios, React Router
- Backend: Spring Boot, Spring Data JPA, Spring Security
- Database: MySQL

Description:

I developed a full-stack Employee Management System using React.js for the frontend and Spring Boot for the backend. This system allows for seamless employee and department management through a user-friendly interface. It includes user authentication, data validation, and a RESTful API. The technology stack ensures efficient data handling and security, making it a valuable HR tool.

Features:

- Developed web app for personalized meal planning.
- Calculated user calorie needs based on inputs.
- Integrated recipe API for customized meal plans
- Generated daily breakfast, lunch, dinner options.
- Created responsive UI for access across devices.
- Enabled accessing recipes with ingredients.
- Used HTML, CSS, JavaScript for user-friendly interface.
- Provided tailored meal plans and recipes for nutrition management.

Tech Stack: HTML, CSS, JavaScript

Description: Developed a responsive web application that creates personalized meal plans based on user inputs. Integrated Newton Food API to access diverse recipes and generate customized breakfast, lunch, and dinner options matching user calorie needs calculated from height, weight, gender, age and activity level. Implemented dynamic and user-friendly interface using HTML, CSS and JavaScript. The application provides customized meal planning and recipes to help users efficiently manage their nutrition.

Features:

- Search flights based on source and destination.
- Book, cancel, update, and view ticket bookings.
- Add user bank account information.
- Send email notifications for booking and cancellation.

Tech Stack:

Java, Design Patterns, Java 8 features, MySQL, Sonarlint

Description:

Developed an airline reservation web application that allows users to search, book, and manage flight tickets. Implemented features like flight search, ticket booking, cancellation, updates, user profiles, and email notifications using Java, MySQL, and design patterns. Created responsive UI for smooth web experience. Tested application thoroughly to ensure robustness. The system provides an efficient and easy-to-use platform for booking airline tickets online.

Skills	
Computer languages	Java, CSS, HTML, Javascript
Software Packages	React, Express JS, MySql
Additional Courses Taken	Data Structure
Soft Skills	Communication Skills, Critical Thinking

Co-Curricular Activities

Newton's Coderush contest Global Rank - 451
Activity participate in coding contest held by Newton School.