



CAREER OBJECTIVE

Dedicated **Java Developer** with **2+ years** of hands-on experience in designing, developing, and implementing Java applications. Proficient in Java frameworks including **Spring** and **Spring boot** along with skills like **React.js**, **JavaScript** and modern web applications, with a strong foundation in building responsive, scalable web applications. Experienced in integrating applications with relational databases such as **MySQL**, **MongoDB**

WORK EXPERIENCE

- Currently undergoing hands-on fullstack Web developer and DSA course at WebStack Academy (<https://learn.webstackacademy.com/>)Bengaluru
- Worked as a Java Developer holding 2 years of experience in Wissen Infotech(<https://www.wissen.com/>)

TECHNICAL SKILLS

- **Frontend Technologies:**
 - HTML5
 - CSS3
 - Bootstrap
 - JavaScript
- **MERN Stack:**
 - React
 - Node.js
 - Express.js
 - MongoDB
- **Backend Technologies:**
 - Java
 - Spring Framework
 - Spring Boot
 - RESTful API Development
- **Databases:**
 - MySQL
 - PostgreSQL
 - MongoDB

- **Foundation Paradigms:**
 - Object Oriented Programming (OOP)
 - Design patterns
 - APIs using REST Interfaces
 - Document Object Model (DOM)
 - Basics of Networking and HTTP
- **Development Environment and Tools:**
 - Development Platform: Windows 10
 - Operating System: Windows 10+
 - Editors & IDEs: VS Code, Eclipse, Spring Tool Suite (STS)
 - Web Server & Packages: Node.js, Express.js, MongoDB Atlas, Mongoose
 - Version Control: Git (GitHub, Bitbucket), Sourcetree
 - Tools: MySQL Workbench, pgAdmin
 - Debugging & API Testing: Chrome DevTools, Postman

EDUCATION

- B.Tech (Mechanical Engineering), Presidency University, 6CGPA, 2017-2021
- Class – XII, State, 79.5%, 2015-2017
- Class – X, State, 92.72%, 2015

PROJECTS AT Wissen Infotech

Project Number:1	
Title	Kerala Water Authority
Project brief	<ul style="list-style-type: none"> • The main objective of the project is to track supply of water in adequate quantity and avoid wastage of water in excessive manner. • Installing the meter to measure the consumption of water and also used to calculate the billing about consumption. • To avoid excessive wastage or breakage can be avoid by these smart meter.
Technologies used	Java, Spring, Spring Boot, REST API, MySQL, GIT
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> • Optimizing the database by removing unwanted table and columns. Linking this tables by primary key and getting output in segregated way. • Implementing REST API to maintain project architectural style • Learning Spring, SpringBoot and optimizing the lines of code by implementing Java8 features. • Interacting with the database MySQL and doing CRUD operations

Project Number:2	
Title	ClinAct
Project brief	<ul style="list-style-type: none"> The main objective of the project of analysis and risk-based monitoring solution for clinical trials. ClinAct acts like a tool used store the details of the clinical trails and results of it. Trails can be tracked in tool based on status.
Technologies used	Java, JDBC, Vaadin Framework, MySQL, MongoDB, BitBucket
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> Understanding the Vaadin Framework and basics of frontend technologies(HTML, CSS, Javascript) Upgrading the Vaadin framework version 11 to version 22 by implementing new features of vaadin. Writing the SQL queries to interact with database to get desired data. Implementing new features to the project and also work on import and exporting the csv files. Importing CSV files and storing data in Database in one or different tables. Writing complex queries by using join to get data from database

PROJECTS AT WSA

Project Number:1	
Title	Calculator
Project brief	<ul style="list-style-type: none"> Basic arithmetic operations: Addition, Subtraction, Multiplication, and Division. Scientific functions: Square root, Exponents Clear (C) button to reset the calculator User-friendly interface
Technologies used	HTML5, CSS3, JavaScript, GIT
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> Making the page responsive by scaling it across various screen resolutions. Testing in respective screen size and issues has been resolved by understanding the grid and flex better. Gained hands-on experience selecting DOM elements, handling button clicks, and dynamically updating content using “textContent” or “innerHTML.” Improved debugging and console logging to trace program flow

Project Number:2	
Title	Image Carousel
Project brief	<ul style="list-style-type: none"> Created a responsive Image Carousel using HTML, CSS, and JavaScript, which allows users to browse through a set of images with smooth transitions. The carousel supports next/previous navigation, auto-play functionality, and dot indicators to show the current slide. DOM manipulation techniques were used to dynamically update images, apply active styles, and handle user events without any external libraries
Technologies used	HTML5, CSS3, JavaScript
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> Faced challenges in managing DOM elements dynamically, which improved my proficiency in DOM traversal and event handling. Learned to implement auto-slide functionality using setInterval() and properly handle pause/resume on user interaction. Developed a deeper understanding of CSS positioning and transitions to achieve smooth and responsive UI effects. Gained experience in writing clean, modular JavaScript code and improved debugging through browser DevTools.

Project Number:3	
Title	Music Player
Project brief	<ul style="list-style-type: none"> Built a fully offline Music Player using HTML, CSS, and JavaScript, designed with a clean, responsive UI and a smooth user experience. The player supports core functionalities including play/pause, next/previous track navigation, track list viewing, shuffle, and repeat (single track infinitely). Users can control volume, adjust playback speed, and see the currently playing track with album cover.
Technologies used	HTML5, CSS3, JavaScript
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> Faced challenges in managing DOM elements dynamically, which improved my proficiency in DOM traversal and event handling. Learned to implement auto-slide functionality using setInterval() and properly handle pause/resume on user interaction. Developed a deeper understanding of CSS positioning and transitions to achieve smooth and responsive UI effects. Gained experience in writing clean, modular JavaScript code and improved debugging through browser DevTools.

Project Number:4	
Title	Weather Application
Project brief	<ul style="list-style-type: none"> Developed a responsive and interactive weather application using React that fetches real-time weather data from the Open-Meteo API. The application displays essential weather metrics such as temperature, humidity, wind speed, and current weather conditions. Focused on delivering an optimized user experience with a clean and mobile-friendly UI, this project demonstrates proficiency in API integration, React component structure, and state management.
Technologies used	HTML5, CSS3, javascript, React
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> Faced challenges in integrating and handling real-time API data asynchronously, which improved my understanding of fetch API and error handling in React. Learned to manage application state effectively using React hooks (useState, useEffect) to update the UI dynamically based on user input and API response. Ensured responsive design and cross-device compatibility using CSS and React, enhancing my skills in building clean, mobile-first UIs

Project Number:5	
Title	Todo App
Project brief	<ul style="list-style-type: none"> Developed a simple yet functional ToDo Application using JavaScript and React to manage daily tasks efficiently. The app allows users to add, edit, delete, and mark tasks as completed, offering a clean and interactive user interface. React hooks like <code>useState</code> and <code>useEffect</code> were utilized for dynamic state updates, ensuring smooth user interaction and real-time task tracking. The application emphasizes responsiveness and intuitive design for better usability across devices.
Technologies used	<ul style="list-style-type: none"> Frontend: HTML5, CSS3, JavaScript, React Backend: Node.js, Express.js Database: MongoDB
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> Faced challenges in handling dynamic list updates and UI state, which enhanced my understanding of React state management. Learned to implement conditional rendering and styling logic for completed vs. pending tasks. Gained experience in structuring reusable components and managing props effectively across the app. Improved debugging and UI testing skills by ensuring a responsive and bug-free experience during frequent updates and user interactions.

Project Number:6	
Title	Notes App
Deployed Link	https://kiracode-notes-app.netlify.app/
Project brief	<ul style="list-style-type: none"> • Built a full-stack Notes Application using React and Node.js, designed for managing personal notes with features like user authentication, creating, editing, deleting, and fetching notes. • The frontend leverages React hooks (useState, useEffect, useContext, useNavigate) and React-Toastify for real-time notifications. • The backend, developed using Express.js, handles secure APIs with JWT-based authentication and CORS configuration. • The app provides a smooth user experience with interactive feedback during actions like login, logout, note deletion, and updates.
Technologies used	<ul style="list-style-type: none"> • Frontend: HTML5, CSS3, JavaScript, React • Backend: Node.js, Express.js • Database: MongoDB • Hosting: Netlify (Frontend), Render (Backend)
My role	Developer
Key challenges and learnings	<ul style="list-style-type: none"> • Learned to implement JWT-based authentication and route protection, ensuring secure login/signup functionality. • Faced challenges in state synchronization across components, resolved using React Context API and navigation with useNavigate. • Gained hands-on experience in building and consuming RESTful APIs, handling CRUD operations between frontend and backend seamlessly. • Implemented toast notifications effectively using React-Toastify to enhance user feedback for key actions like delete, update, and logout.