

Vicknesh K

Software Developer

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Profile Summary

Software Developer skilled in building web applications using **Java, Spring Boot, REST APIs, MySQL, HTML, CSS, JavaScript, and React**. Hands-on experience with CRUD operations, API integration, form validations, and database design. Solid understanding of **OOP, Collections, JDBC, JPA/Hibernate, MVC architecture**, and version control with Git/GitHub. Capable of developing end-to-end features from UI to backend logic and database persistence, writing clean code, debugging issues, and deploying applications.

Technical Skills

Frontend: HTML, CSS, JavaScript, React.js

Backend: Java - Object-Oriented Programming (OOP), Collections

Database: MySQL - Joins, SQL commands

Frameworks : Spring Boot Framework (Spring MVC, CRUD, JPA (Java Persistence API), Maven, RestAPI)

Tools: Eclipse / IntelliJ IDEA (IDEs), VS Code

Version Control: Git, GitHub

Soft Skills: Problem-solving, Communication, Time Management, Agile Teamwork

Projects

ShopEZ – E-Commerce Web Application

[Link](#)

- Built a fully functional e-commerce web app using React, Context API, and React Router featuring product listing, filters, global search, cart system, authentication (login/logout), and checkout. Implemented API integration, responsive UI, and clean component architecture.
- Tools Used: React.js, JavaScript, HTML, CSS, React Router, Context API, FakeStore API

Real Estate Management System

[Link](#)

- This project is built with SQL to manage agents, clients, properties, and transactions. It supports queries to track **sales, commissions, property availability, and client purchases**. Users can analyze business insights such as **top-performing agents, profitable cities, and unsold properties**. The system helps real estate agencies with **efficient data management and decision-making**.
- Tools Used: MySQL

Employee Management System

[Link](#)

- Built a Employee Management System using **React, Spring Boot, and MySQL**, implementing complete CRUD features and secure data handling. Added **dual-layer form validations** (frontend & backend Bean Validation) and enforced unique email rules and database constraints to prevent invalid data submissions. Designed REST APIs, structured error responses, and reusable UI components to improve reliability and user experience.
- Tools Used: React.js, Java, Spring Boot, REST API, MySQL, Maven.

Certifications

Frontend Development: (Basant Technology) - HTML, CSS, JavaScript, React.js

Backend: (Basant Technology) - Java, MySQL

Education

Excel Engineering College, B.Tech in Information Technology

Sept 2021 – May 2025

- CGPA: 7.8/10

Annai Terasa Matric High School, Higher Secondary School

Jun 2020 – May 2021

- PERCENTAGE: 81/100