

# Catherin Raichal I

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## Career Objective

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Motivated Java Full Stack Developer with a good understanding of **Core Java, JDBC, SQL**, and **frontend technologies like HTML, CSS, JavaScript, and React.js**. Skilled in building simple web applications, performing CRUD operations, and creating responsive user interfaces. Eager to learn new technologies and contribute to real-world projects as a fresher.

## Internship

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**Java Full Stack Developer Intern** - Besant Technologies, Velachery May 2025 – Current

- Full Stack Developer Intern with hands-on experience in **Java, React.js, JDBC, Springboot, HTML, CSS, JavaScript, and Tailwind CSS**, building simple web applications while assisting in frontend-backend integration, CRUD operations, and debugging under mentorship.

## Technologies

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**Front-end:** HTML5, CSS3, JavaScript (ES6+, DOM Manipulation, Fetch API), React.js (Hooks, State, Props), Tailwind CSS, Bootstrap, Responsive Design

**Backend:** Java (Core Java, OOP, Collections, Exception Handling), Spring Boot (Spring MVC, REST APIs, Dependency Injection), Maven

**Database:** SQL, MySQL (Joins, Views, Stored Procedures, Window Functions, Subqueries), JDBC

**Version Control & Tools:** Git, GitHub, IntelliJ IDEA, VS Code, Postman

**Others:** API Integration, Local Storage, Debugging, Browser DevTools, Deployment (Vercel/Netlify), Prompting (Chatgpt, Gemini, Copilot, Bolt)

## Projects

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### Book Store Management System

- Developed a Book Store Management System using **Spring Boot and Thymeleaf** to perform **CRUD operations with MySQL database integration** for managing book details and inventory.
- **Technologies:** Java, Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Thymeleaf, MySQL, CRUD Operations, Maven, HTML, CSS

### Student Management System – CRUD Application (JDBC)

- Developed a Student Management System using **Core Java and JDBC** with CRUD operations and MySQL database integration.
- Implemented **database connectivity, SQL queries**, and exception handling to manage student records efficiently.
- **Technologies:** Core Java, JDBC, MySQL, SQL, CRUD Operations, PreparedStatement, ResultSet, DriverManager, Database Connectivity, Exception Handling

### Tomato Bites – E-commerce Web App (Live Demo)

- Developed a **responsive food-based e-commerce web application** using **React.js, JavaScript, CSS, and HTML5**, following component-based architecture for reusable and maintainable UI.
- Designed interactive pages with **modern layouts and smooth user interactions**, ensuring cross-device compatibility and improved user experience.
- **Technologies:** React, JavaScript, HTML, CSS

### Doctor Booking Appointment System (Live Demo)

- Developed a responsive **booking web application UI using React.js, JavaScript, HTML, and Tailwind CSS** with a focus on clean design and reusable components.
- Implemented **appointment booking interfaces, doctor listings, and intuitive navigation using React state and component-based architecture**, optimizing the app for mobile and desktop responsiveness with Tailwind.
- **Technologies:** React.js, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3, GitHub, Vercel

## Education

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**Punitha Valanar College Of Education Kosavapatty Dindigul** - BEd Sept 2021 – Aug 2023

- Percentage: 79%

**St Joseph College Tiruchirappalli** - MSc in Mathematics June 2019 – May 2021

- CGPA: 9.35

**Arul Anandar College Karumathur Madurai** - BSc in Mathematics June 2016 – Apr 2019

- CGPA: 8.9