

# Catherin Raichal I

Chennai | raichal.catherin@gmail.com | 638 255 29 55 | Linkedin | Github

## Career Objective

Full Stack Developer that has experience in the development of dynamic web applications in **Java, Spring Boot, REST APIs, HTML, CSS, JavaScript, React**. Experienced in developing user friendly and responsive interfaces and connecting front end and back end services. Being able to learn fast and having good problem-solving skills and a desire to create efficient, scalable, and clean code. Trying to find a possibility to work on the real projects and develop as a professional full-stack engineer.

## Internship

**Java Full Stack Developer Intern** - Besant Technologies, Velachery

May 2025 – Current

- Built and enhanced web applications using **Java, Spring Boot, React.js, and MySQL** with focus on clean code and responsive design.
- Worked on **API integration, debugging, and version control (Git, Postman)** while collaborating in an Agile development environment.

## Technologies

**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

### Blood Connect (Live Demo)

- Built and deployed a full-stack blood-donation web app using **React, Tailwind CSS, Node.js (authentication), and REST APIs**, enabling secure donor/recipient management with real-time data updates.
- Designed a **responsive, user-friendly interface** with search, filter and localStorage-based bookmarking features for better usability, and ensured smooth cross-device performance via front-end optimization and clean code.
- **Technologies:** React.js, Tailwind CSS, Node.js, JavaScript (ES6+), RESTful API, bcrypt.js, GitHub, Vercel

### Doctor Booking Appointment System (Live Demo)

- Built a **responsive booking website** using **React.js, JavaScript, HTML, and Tailwind CSS**, with reusable components and smooth navigation so users can easily book appointments.
- Improved frontend performance and structure for **easy integration with backend APIs** and future updates.
- **Technologies:** React.js, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3, RESTful API, GitHub, Vercel

### 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.
- **Technologies:** Core Java, JDBC, MySQL, SQL, CRUD Operations, PreparedStatement, ResultSet, DriverManager, Database Connectivity, Exception Handling

## Education

**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