Prasanth Raju Kongarapu

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CAREER OBJECTIVE

Self-motivated and detail-oriented Software Developer with practical experience in designing and developing real-time web applications. Skilled in both **frontend and backend technologies**, with a strong foundation in **object-oriented programming** and **full-stack development**. Proficient in **frontend technologies** including **HTML, CSS, JavaScript, and Bootstrap**, and experienced in **backend development** using **Java, Spring Boot**, and **MySQL** database.

EXPERIENCE

Software Developer Intern
Cinereous Technologies | *May 2024 – October 2024*

- Worked as a full-stack developer intern contributing to the development of real-time web applications.
- Gained hands-on experience in building dynamic and responsive web interfaces using **HTML, CSS, JavaScript**, and **Bootstrap**.
- Developed backend functionalities using **Java**, **Servlets**, and **JDBC**, ensuring efficient data handling and business logic implementation.
- Utilized **JSP** for dynamic web content and integrated **MySQL** for data persistence and secure storage.
- Collaborated on projects such as a **Library Management System** and a **Rapido-inspired ride-booking platform**, delivering fully functional features such as login/signup, booking forms, data management, and admin/user interfaces.
- Strengthened understanding of **MVC architecture**, RESTful request handling, and real-world database interaction.
- Followed best practices for clean code, UI/UX design, and responsive web development.

PROJECTS

Library Management System
Technologies: Java, JDBC, Servlets, JSP, MySQL, HTML, CSS, JavaScript

- Developed a dynamic web-based system to manage library operations such as adding books, issuing/returning books, and tracking user activity.
- Implemented CRUD functionalities using Java Servlets and JDBC for backend logic.
- Created responsive and user-friendly interfaces using HTML, CSS, and JavaScript for smooth interaction.
- Used JSP for dynamic content rendering and integrated with a MySQL database to store and retrieve book and user data efficiently.

Portfolio Website
Technologies: HTML, CSS, JavaScript, MySQL, Spring Boot, Java, REST API, Postman
- Developed a full-stack personal portfolio website showcasing skills, projects, and contact form integration.
- Designed a responsive and user-friendly front end using HTML, CSS, and JavaScript.
- Implemented a backend using Spring Boot to handle contact form submissions via REST APIs.
- Stored user messages in a MySQL database and tested API endpoints using Postman.
- Followed MVC architecture and ensured clean code structure and modular design.

EDUCATION

Helapuri Institute Of Technology and Science   *2018 – 2022*
B.Tech in **Computer Science** and **Engineering**   *CGPA: 7.15*

APSWR Junior College	*2016 – 2018*
Intermediate (MPC)	*CGPA: 76*
APSWR School	*2015 – 2016*
Secondary School (X Standard)	*CGPA: 8.2*

TECHNICAL SKILLS

Programming Languages

Java:
- **OOP Concepts:** Proficient in Object-Oriented Programming including Abstraction**,** Encapsulation**,** Inheritance**,** and Polymorphism.
- **Exception Handling:** Skilled in using try-catch, throw, throws, and finally blocks to handle runtime exceptions gracefully.
- **Collections Framework:** Strong knowledge of List (ArrayList, LinkedList,Vector)**,** Set (HashSet, LinkedHashSet, TreeSet)**,** Queue (PriorityQueue, LinkedList)**,** and Map (HashMap, TreeMap) .

J2EE:

- **Servlets:** Handled HTTP requests, responses, and implemented session tracking.
- **JSP :** Created dynamic web content using JSP, Expression Language (EL).
- **JDBC:** Performed database connectivity using JDBC with MySQL; used Prepared Statement, Result Set.
- **MVC Architecture:** Followed Model-View-Controller pattern for separation of concerns.

Framework

Spring Boot:

- **Request/Response Handling**: Controllers, RESTful APIs, Session Management
- **Web Layer Development**: Spring MVC, Annotations (@RestController, @GetMapping, @PostMapping)
- **Database Connectivity**: Spring Data JPA, JDBC, Repositories, MySQL Integration
- **Architecture**: MVC Pattern, Dependency Injection, Layered Design (Controller-Service-Repository)
- **Configuration & Setup**: Auto-configuration, application. Properties, Spring Boot Starters

Web Development

- **HTML5**: Latest HTML5 standards, semantic elements, Multimedia Integration.
- **CSS3**: Selectors, Box Model, Animations, Media Queries, Responsive Design.
- **JavaScript (ES6)**: Expressions & Operators, Event Handling, DOM Manipulation, Callback, Arrow Functions, Promises.
- **Bootstrap**: Grid System, Utility Classes, Components (Navbar, Card, Modal), Responsive Design
- **React js :** Component-based development, JSX, Props & State, Event Handling, React Hooks.

Databases

- **MySQL**: Database design, Queries, Joins, Normalization.
- **SQL**: Subqueries, Aggregate Functions, Joins.

Tools

- VsCode , Postman , Git , Eclipse

Achievements

- Completed a comprehensive **Java Full Stack** certification at Jspiders, covering technologies such as **Java**, **Servlets**, **Hibernate**, **HTML**, **CSS**, **JavaScript, Spring** and **SQL**, **MySQL**.