

RAMAKANTA GAHAN

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Objective:

Highly motivated and skilled Software developer seeking a challenging position in software development. Equipped with a strong foundation in Java programming and a passion for learning new technologies, I aim to contribute my skills in Spring Boot development to create innovative and efficient solutions. Committed to delivering high-quality code and collaborating effectively within cross-functional teams, I am eager to embark on a successful career as a Software Developer in a reputed organization.

Work Experience:

Project Technical Support - III (Programmer)

Feb 2024 – Present

ICMR-NCDIR

Bangalore, Karnataka

- Assisting the senior software development colleagues with all aspects of software design, coding and database development for software applications in disease data capture, checking, processing, analysis, reporting and data visualizations.

Education:

- MCA – 2022 - Bijupatnaik University of Technology – 8.03 CGPA
- BSC – 2019 – F.M University, Balasore – 7.04 CGPA
- 10 + 2 – 2016 – Council of Higher Secondary Education, Odisha, - 61%
- 10th - 2014 – Board of Secondary Education, Odisha – 75%

Technical Skills:

- Programming Language:** Java | Java 8 | .NET
- J2EE Technologies:** Servlets | JSP | JDBC | asp.net
- Distributed Technologies:** Restful web services
- Frameworks:** Spring | Spring boot
- Databases:** MYSQL | SQL Server
- Version Control & Collaboration :** GitHub
- Web Design & Development:** REST API | JSON
- Frontend Development:** HTML5 | CSS3 | JavaScript | React
- Web/App Servers:** Tomcat
- IDE:** Eclipse | STS | VS Code
- Operating Systems:** Windows
- Tools:** Maven | Lombok | Postman
- SDLC :** Agile Methodology

Professional Projects:

1.Hospital Based Stroke Registry(HBSR)

The main objective of the HBSR project is to enter patient records from registered hospitals, Users will enter data with the given credentials, when users sync the records at the final submission form it will upload the data into the server. Created Admin Dashboard to check and approve the data.

Responsibilities:

- Involved into the Requirement analysis and design.
- Designing and developing user interfaces for HBSR project using Java.
- Involved in development of controllers and Service classes for different modules by using Spring Framework.
- Involved in implement of security for web application. Involved in Error handling and debugging
- URL : <https://hbsr.ncdirindia.org/>

2.Population Based Stroke Registry(PBSR)

Population based Stroke Registries are essential to understand the burden of stroke in populations, within country variation in stroke incidence, trends in occurrence of stroke, and monitoring the interventions to reduce stroke incidence. The main objective of the PBSR project is to enter patient records from registered hospitals

Responsibilities:

- Involved into the Requirement analysis and design.
- Designing and developing user interfaces for PBSR project using Dot Net.
- Involved in development of controllers and Service classes for different modules by using dot net Framework.
- Involved in implement of security for web application. Involved in Error handling and debugging
- URL : <https://pbsr.ncdirindia.org/pbsrv1/>

Personal Projects:

1. Online Shopping Application

In the ever-changing e-commerce landscape, the "Online Shopping Web App" aims to provide users with a simple and user-friendly way to browse, browse and purchase a wide range of products from the comfort of their home This web application ensures a secure and efficient communication process It is designed to revolutionize the online shopping experience by incorporating sophisticated features and robust architecture.

Technologies : Java8|Servlet | JSP | SQL | HTML | CSS | JS |Tomcat9

Responsibilities:

- Involved in gathering the requirements, analysis, design & development of the project.
- Involved in development of Web Forms, classes using JAVA that incorporates both N-Tier Architecture,and Database Connectivity
- Developed Web Forms using JavaScript, HTML and CSS
- Developed Component classes using MVC patterns
- Advanced search ,filtering and all CRUD options for users to quickly find the products they are looking for.

2. Online Book Store

Online Book store is an online web application where the customer can purchase books online. Through a web browser the customers can search for a book by its title or author, later can add to the shopping cart and finally purchase using credit card transaction. The user can login using his account details or new customers can set up an account very quickly. They should give the details of their name, contact number and shipping address. The books are divided into many categories based on subject like Software, Database, English, Architecture etc.

Technologies : Java8 | Servlet | JSP | MY SQL | HTML | CSS | JS | Tomcat9

Responsibilities:

- Involved In Designing User Friendly Interface
- Responsive design ensuring a consistent and enjoyable experience across device
- Developed Web Forms using JavaScript, HTML and CSS
- Developed Component classes using MVC patterns
- Developed All Backend APIs
- Advanced filtering and all CRUD options for users to quickly find the products they are looking for.

3. Online Event Booking

Developed an Event Booking System using Java Servlets, JSP, HTML, CSS, Bootstrap, and JavaScript. This web-based application allows users to book various events and manage their bookings seamlessly. The system provides a user-friendly interface for browsing available events, selecting preferred dates and times, and making reservations. It also includes features for event organizers to manage event details, track bookings, and communicate with attendees.

Responsibilities:

- Designed and implemented the front-end interface using HTML, CSS, Bootstrap, and JavaScript to ensure a responsive and visually appealing user experience. Responsive design ensuring a consistent and enjoyable experience across device
- Implemented server-side logic using Java Servlets to handle user requests, process booking data, and interact with the database.
- Integrated database Functionality using JDBC to store and retrieve event details ,user details and booking records.

4. Employee Management System

Developed an Employee Management System using Java Spring Boot for backend development and React for frontend development. This system allows administrators to manage employee information, including personal details, work schedules, leave requests, and performance evaluations. The system also provides employees with access to their own information and allows them to submit leave requests and view company announcements.

Responsibilities:

- Designed and implemented RESTful APIs using Java Spring Boot to handle CRUD operations for employee data.
- Developed frontend user interfaces using React.js, including forms for data input, tables for data display, and modals for user interactions
- Integrated frontend and backend systems using Axios for making HTTP requests and handling responses

Certification:

- Java Full Stack Development Certification From Naresh I Technology ,Hyderabad.
- SQL and MYSQL certification from UDEMY.

Strengths:

- Strong problem-solving and analytical abilities.
- Excellent teamwork and communication skills.
- Ability to quickly learn and adapt to new technologies and frameworks