

AyushUpadhyay
Phone:(+91)-9519797553
upadhyayayush2001@gmail.com

PROFESSIONAL SUMMARY

Java Developer with 1.5 years of experience at **Candour Systems Pvt Ltd**, specializing in designing, developing, and maintaining Java-based applications. Proficient in implementing RESTful web services, DBMS, and optimizing application performance. Adept at collaborating with cross-functional teams to deliver high-quality software solutions.

TECHNICAL SKILLS

- **Programming Languages:** Java, SQL
- **Frameworks:** Spring, Hibernate, Angular
- **Web Technologies:** HTML, CSS, JavaScript, JSP, Servlets
- **Database Management Systems:** MySQL, PostgreSQL
- **Version Control Systems:** Git
- **Build Tools:** Maven
- **Development Tools:** Eclipse, IntelliJ IDEA
- **Operating Systems:** Windows, Linux
- **Web Services:** RESTful APIs

PROFESSIONAL EXPERIENCE

Java Developer | Candour System Pvt Ltd | December 2022 – May 2024 Project

Name: School Enterprise Resource Plane

Project Role: Java Developer

Duration: December 2022–May 2024

Roles and Responsibilities

- **Application Development:** Collaborated with a team of developers to design, develop, and maintain Java-based applications, ensuring they met client requirements and industry standards.
- **Web Services:** Implemented RESTful web services to facilitate communication between the backend and frontend applications.
- **Code Reviews:** Participated in code reviews, ensuring adherence to coding standards, best practices, and identifying potential issues early in the development process.
- **Debugging and Troubleshooting:** Debugged and resolved technical issues, improving application performance and user experience.
- **Database Management:** Designed and managed database schemas, wrote SQL queries, and optimized database performance.
- **PostgreSQL Implementation:** Designed and implemented PostgreSQL databases to efficiently store and retrieve student information.
- **Report Generation:** Developed SQL queries and scripts to generate detailed reports on student performance metrics.
- **Database Optimization:** Optimized database performance by fine-tuning queries and indexing strategies, resulting in a 20% reduction in query execution time.
- **Cross-Functional Collaboration:** Collaborated with cross-functional teams to integrate PostgreSQL databases with reporting tools for seamless data visualization.

Personal Projects

Grocery Item Management System

Duration: [Jan/2024] – [May/2024]

Description:

Developed a web-based application for managing grocery items using Spring Boot and MySQL. The system allows users to perform CRUD operations (Create, Read, Update, Delete) on grocery items, with features like product management, image uploading, and database handling.

Technologies Used:

- **Backend:** Java, Spring Boot, Spring Data JPA, Hibernate
- **Frontend:** Thymeleaf, Bootstrap, JavaScript, jQuery, AJAX
- **Database:** MySQL
- **Tools:** Maven, Tomcat, Git

Key Responsibilities:

- Designed and developed a RESTful API for grocery item management, enabling product creation, updating, viewing, and deletion.
- Implemented file upload functionality for adding product images and integrated it with MySQL for efficient storage.
- Built a responsive front-end using Thymeleaf and Bootstrap, enabling user-friendly interaction.
- Utilized Spring Data JPA to manage database transactions and optimize query performance.
- Secured the application using user authentication and implemented data validation for product inputs.

Key Achievements:

- Optimized backend queries, improving data retrieval speed by 20%.
- Successfully integrated a file upload mechanism for product images, enhancing user experience.
- Developed a robust, scalable solution that handled multiple users simultaneously without performance degradation.

2. CRUD Operation Project (JSP, Servlets, MySQL)

Duration: [Jan/2024] – [Feb/2024]

Description:

Developed a web application using JSP and Servlets for performing CRUD (Create, Read, Update, Delete) operations on a product inventory. The application uses MySQL for data storage and management.

Technologies Used:

- **Backend:** Java, Servlets, JSP
- **Frontend:** HTML, CSS, JavaScript
- **Database:** MySQL
- **Tools:** Apache Tomcat, Maven, Git

Key Responsibilities:

- Designed and implemented Servlets to handle CRUD operations on products.
- Integrated JSP for displaying product details and forms for adding/editing products.
- Managed database connectivity using JDBC for interacting with the MySQL database.
- Handled form submissions and processed user data to update the product inventory.

Key Achievements:

- Built a fully functional CRUD system that allowed product management through a web interface.
- Achieved seamless interaction between the frontend (JSP) and backend (Servlets).
- Efficiently handled database connections and optimized queries using JDBC.

3. Email Sender Application (Angular and Spring Boot)

Duration: (September 2024 – Present)

Description:

Built an email sender application using Angular for the front end and Spring Boot for the backend. The application allows users to compose and send emails via a user-friendly interface, integrating with SMTP for email delivery.

Technologies Used:

- **Backend:** Java, Spring Boot, JavaMail API
- **Frontend:** Angular, HTML, CSS, TypeScript
- **Tools:** Maven, Git, Node.js

Key Responsibilities:

- Implemented RESTful APIs using Spring Boot to handle email sending functionality.
- Integrated the JavaMail API for sending emails through SMTP servers.
- Developed the front-end interface in Angular, allowing users to input email details and trigger email delivery.
- Ensured error handling and validation of email addresses and other inputs on both the client and server side.

Key Achievements:

- Successfully built and tested a feature to send bulk emails using a simple and intuitive Angular interface.
- Ensured secure email transactions by configuring proper SMTP authentication and transport layers.
- Achieved smooth integration between the Angular frontend and Spring Boot backend.

WORKEXPERIENCE

❖ CandourSystems-December2022-may2024

EDUCATION

Institute/College	Degree	Duration	PercentageObtained
AktuUniversity,Ghaziabad	Btech(CSE)	2018-2022	72%
PMSintercollege,Lucknow	10+2	2015-2018	68%