Krishna Kumar Singh

Full Stack Java Developer

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OBJECTIVE

I am a dedicated and highly motivated individual with a good knowledge of Java for programming and problem-solving to promote creativity and productivity.

SKILLS

Front-End:	HTML-5, CSS, JavaScript, Thymeleaf, Bootstrap, Tailwind-CSS.
Back-End:	C, Core Java, Advance Java, Spring Core, Spring Boot, Spring MVC, Microservices.
Databases:	PostgreSQL, MySQL, Oracle.
Tools:	Git, GitLab, Maven & Junit.

PROJECTS

Text Editor Application (Academic Project)

Role: Team Member

Project Overview: Developed a robust Text Editor Application similar to Notepad using Java Swing and AWT. The project aimed to provide users with a feature of text editing while maintaining simplicity and efficiency. Collaborated closely with team members to design and implement core features. Implemented customizable settings, allowing users to tailor their experience (e.g., font styles, themes, shortcuts).
Ensured efficient file management functionality (open, save, and edit files).

Achievements:
• Successfully delivered a fully functional text editor with a user-friendly interface.
• Received positive feedback from peers and faculty members.
Note: Completed under the guidance of senior faculty members.

Technologies Used:
• Java Swing: Created the graphical user interface (GUI) components.
• AWT (Abstract Window Toolkit): Leveraged AWT for low-level GUI interactions.

Bank Management Web Application (Major Project)

Role: Independent Developer

Project Overview: Designed and developed a comprehensive Bank Management System to streamline banking operations, enhance customer experience, and ensure data security. The web-based application enabled banks to manage customer profiles, accounts, transactions, and reports efficiently.

Key Features:
User Authentication: Implemented login and logout using Spring Security. Validate username and password, and redirected to dashboard after successful login.
User Registration: Created user registration form with validation, password encryption using Spring Security, and email verification (optional).
Transaction Processing: Developed deposit, withdraw, and fund transfer forms with validation, updating account balances, and logging transaction history.
Transaction History: Created transaction history table with filtering and sorting, retrieving transaction data, and generating PDF reports (optional).
Password Reset: Implemented password reset form with validation, email notification with password reset OTP, and password update functionality.
Database Management: Stored and retrieved user information, ensuring data consistency and integrity, providing a robust and scalable database solution.

Technologies Used:
Front-End: HTML, CSS, Bootstrap, Thymeleaf (for dynamic views).
Back-End: Spring Boot (for rapid development), Spring Boot Security (for authentication & auth), Spring Boot JPA (for database interaction), PostgreSQL .
Utilities: Java Mail Sender (email sending), FreeMarker (for rendering of email templates), iText (PDF generation of user's transaction history).

EDUCATION

Bachelors Of Computer Applications	2020 – 2023
A.N. College Patna	73%
Higher Secondary Certificate	2018 – 2020
PR. B.P. Singh College, Bikramganj	74%
Secondary School Certificate	– 2017
D.A.V. Public School, Bikramganj	78%

CERTIFICATES & TRAININGS ATTENDED

I have completed offline course on "CORPORATE TRAINING" on Java Technology at Naresh i Technologies, Hyderabad.
Employability Skill Training on "Python with Django Framework" From SoftPro India, Lucknow up to 25 days.

INTERPERSONAL SKILLS

Leadership
Adaptive
Team Work
Quick Learner

LANGUAGES

English
Hindi

Date: -   Name:-

Place: - Hyderabad   Krishna Singh