Shailendra Bhushan Rai

Product Developer

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Profile

Product-focused and detail-oriented developer with experience in designing and delivering scalable, user-friendly applications. Strong background in end-to-end development and passionate about solving real-world problems through impactful product design and innovation.

Skills

Languages: Java, Python, JavaScript, HTML, CSS
Frontend: ReactJS, Tailwind CSS
Backend: Spring Boot, REST APIs
Databases: PostgreSQL, MySQL
Coursework: Data Structures & Algorithms, DBMS, Operating Systems, OOPS

Education

Bachelor Of Technology, Computer Science And Engineering	2022 – 2026
Chandigarh University, CGPA-7.83	Chandigarh, India
Intermediate, CBSE	2020 – 2021
Dayawati Modi Academy, Percentage-95.83	Rampur, India
Matriculation, CBSE	2018 – 2019
Dayawati Modi Academy, Percentage-94.20	Rampur, India

Projects

Chat Bot
Java, Spring Boot, OpenAI API, PostgreSQL

- Developed an interactive chatbot using the ChatGPT API (Model: GPT-4) with Spring Boot, incorporating stateful interactions to maintain context across user sessions.
- Optimized performance and relevance through careful tuning of parameters like `temperature`, `top_p`, and `max_tokens`, ensuring coherent and contextually relevant dialogues.

Travel and Tour Management System
Java, Swing, MySQL

- Developed a Java Swing–based booking platform with authentication, package selection, payment workflows, and CRUD operations for users, hotels, and packages.
- Designed an admin panel with reporting features, focusing on usability, scalability, and smooth product experience.

Achievements & Certifications

- Solved 250+ **LeetCode** problems, strengthening problem-solving and algorithmic skills.
- Certified in MySQL & PostgreSQL (Scaler & Simplilearn Academy), 2025.
- Certified in Web Development (DevTown), 2024.

Extra Curricular Activities

- Participated in hackathons to design and pitch innovative product prototypes.
- Coordinated a coding event hosted by GeekRoom, fostering peer learning.
- Volunteered as a tech mentor for a community coding workshop.