

PRATYUSH DUBEY

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SUMMARY

A results-driven Software Developer specializing in building scalable backend systems and robust database architectures. My expertise covers system design, including microservices and RESTful APIs, and comprehensive DBMS knowledge, from data modeling to query optimization across SQL and NoSQL databases. Proficient with technologies like Java, Python, Spring Boot, Docker, and AWS, I excel at transforming complex requirements into high-performance, maintainable software solutions, driven by a passion for solving challenging architectural problems.

SKILLS

C++ Programming	Machine Learning	Data Analytics
System Design	Debugging Errors	Problem Solving
SQL	Front End Development	Data Structures & Algorithms

PROFESSIONAL EXPERIENCE

Software Development Intern, CRIB

Jan 2025- Mar 2025

- Collaborated within an Agile development team to identify, troubleshoot, and resolve over 15 software defects in the production environment, enhancing application stability and reducing user-reported bugs by 10%.
- I used SQL to extract and manage data from internal databases, helping identify key performance indicators and optimize property operations.

Front End Developer, Gensofts Pvt. Ltd.

Aug 2024 - Oct 2024

- Developed and maintained responsive web pages using HTML5, CSS3, and JavaScript, ensuring cross-browser compatibility and enhancing user experience.
- Collaborated with the design team to implement interactive UI components, improving site engagement and functionality.

EDUCATION

Maharaja Surajmal Institute of Technology

Nov 2022 - Apr 2026

Bachelor of Technology in Electronics & Communication
Minor Course - Data Analytics, AI/ML, SGPA- 9.71(latest 7th sem)

St. Joseph's International School, Kota

Apr 2020 - May 2021

Class 12th
Percentage - 79%

St. Xavier's Sr. Sec. School, Hardoi

Apr 2018 - Mar 2019

Class 10th
Percentage - 95%

PROJECTS

OceanCleanup Connect

- OceanCleanup Connect is a comprehensive platform that empowers NGOs to identify, track, and coordinate ocean waste cleanup operations using AI-powered image classification and real-time drift analysis.

Real-time multiplayer Chess application

- built using WebSockets. Supports two-player gameplay with move validation handled by chess.js. Currently a basic v1 implementation, with planned enhancements for UX, features, and deployment.