Rajul Dubey
(Creative, Dynamic, Disciplined)
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Career Objective

Unleash my creative, dynamic, and disciplined skills to secure a challenging career opportunity where I can fully utilize my training and expertise, driving remarkable contributions to the success of the company.

Academic Details

Year(s)	Qualification – Degree	Board/University	Percentage / CGPA
2019-2023	B. Tech in Computer Science Engineering- Specialization in DevOps	University of Petroleum and Energy Studies	7.35/10 (*Till end of 8th semester)
2016-2018	XII	M.P Board	77 %
2014-2016	X	M.P Board	77 %
Subject Electives		Cloud Computing and Virtualization Technologies	

Technical Skills Set

Programming Languages	Java, Python
Testing Tools	Selenium(Web Testing), JUnit Testing
Databases	Oracle 11g, PostgreSQL
Web Development	FastAPI, HTML, CSS, Figma, Django Framework
DevOps Tools	GitHub, Docker, SonarQube, Jenkins Selenium, Jira, Git
Operating Systems	UNIX/Linux Basic Commands, Windows
S/W Development Models	Agile, V-Model, Waterfall

Work Experience

Internship: Project Based
- **June 2022 – August 2022**
- **Organization:** : https://lagaland.wordpress.com/
- **Role:** FullStack Developer

Description: Created a mind-blowing data scraper website that extracts Name, Address, Geolocation, and phone number of individual objects like grocery stores and garages. Used the power of Google Place API to make it happen. It was a game-changer!

Projects

- **Implementation and Performance Analysis of Different Compression Techniques**
  Examined lossless data compression algorithms and compared their performance. I dived deep into the techniques behind data compression, including Huffman coding, Shannon Fano algorithm, and run-length encoding algorithm. I cracked the code!
  Github Link: https://github.com/BantuD/DSA-Project

- **Facial Recognition Door Unlock**
  Combined Arduino, Haar-cascade, OpenCV, and Machine Learning to develop a jaw-dropping miniature model of a self-unlocking/locking door. Mechanical motors controlled by Arduino made it a reality. Who needs keys when you have technology?
  Github Link: https://github.com/BantuD/Door-Unlock-

- **Chest X-Ray Analyzer**
  Utilized the power of Deep CNN to build a cutting-edge ML Model that predicts disease categories by analyzing chest X-ray images. Explored different methods for modeling CNN to achieve maximum accuracy. Saving lives one X-ray at a time!
  Github Link: https://github.com/BantuD/chest-xray-analyzer

- **Chat-GPT Clone:**
  Created a custom knowledge ChatGPT clone with a user-friendly interface using HTML, CSS, and JavaScript. By integrating the OpenAI API and the LlamaIndex knowledge graph, I have developed the back-end logic to generate responses. This project aimed to leverage AI to enhance user experiences and solve real-world problems.
  Github Link: https://github.com/BantuD/Chat-GPT-Clone

Accomplishment And Recognition

1. Problem Solving Certificate (2020) Issued by Hackerrank
2. Personal Enhancement Certificate By Dale Carnegie
3. Technology Leadership and Entrepreneurship Certification(2021) by St. Petersburg Polytechnic University