

Rudra Pratap Singh Kushwah

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TECHNICAL SKILLS

Languages: C/C++, Python, Java, SQL, NoSQL, Dart, JavaScript, HTML/CSS

Frameworks: React, Node.js, Next.js, Flutter

Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ

Libraries: pandas, NumPy, Matplotlib, PyTorch, Scikit-learn, NLTK, Spacy, NLP

EXPERIENCE

Software Development Intern

Dec 2023 – Jan 2024

Rudder Soft Solution

Ghaziabad, UP

- Developed and optimized Flutter-based UI components, improving application responsiveness by 25%.
- Collaborated with designers to implement intuitive navigation flows, enhancing user engagement.
- Integrated RESTful APIs and managed database operations using MongoDB and Firebase.
- Worked in an Agile development environment, ensuring timely feature delivery and maintaining high code quality.

PROJECTS

GPT-Based Spam Detection Model — *Python, tiktoken, pyTorch, matplotlib, NLP*

Jan 2025 – Mar 2025

- Developed a spam classification model using a customized GPT-2 architecture.
- Preprocessed and balanced the SMS Spam Collection dataset for improved training and evaluation.
- Achieved **97.5% validation accuracy** and **95.67% test accuracy**, demonstrating strong model generalization capabilities.

Student Management System — *C++*

May 2024 – Jun 2024

- Developed a C++ application to manage student records, leveraging **Object-Oriented Programming (OOP) principles**.
- Implemented structured data input, display mechanisms, and automated result calculations.
- Utilized **friend classes** for enhanced encapsulation and data management.
- Designed formatted console output for improved user experience.

CERTIFICATIONS AND TRAINING

Problem Solving (Intermediate): HackerRank — Nov 2024

AWS Academy Introduction to Cloud: AWS Academy — Mar 2024

SQL (Intermediate): HackerRank — Jan 2025

Wind Energy Certification: DTU Coursera — Sep 2024

EDUCATION

Kalinga Institute of Industrial Technology

Bhubaneswar, Orissa

Bachelor of Technology in Computer Science and Engineering

Aug 2021 – May 2025

Silver Bells School

Gwalior, Madhya Pradesh

Class 12 CBSE, Science with Computer Science

2021

Global Indian International School

Hyderabad, Telangana

Class 10 CBSE

2019