CHIRAG JAIN

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SOFTWARE ENGINEER

Computer science graduate with a specialization in cloud computing and virtualization. Recently completed an impactful internship at IBM, concluding in September 2023, where I played a key role in developing cloud-based solutions. Proficient in web development, I have acquired expertise in AWS tools like S3, Lambda, DynamoDB, and CloudFormation. My diverse background includes social work and volunteering, providing additional skills in IT management, SQL, and effective communication. Eager to leverage this comprehensive skill set and contribute to innovative projects in the dynamic field of web development.

INTERNSHIP EXPERIENCE

Cloud Intern-IBM   **Jun 2023 – Sep 2023**

As a Cloud Intern at IBM, I am responsible for developing a collaborative work and document sharing system using AWS. This cloud-based solution enables efficient teamwork and seamless document collaboration, enhancing productivity and streamlining workflows for users.

Akshaya Patra Foundation

Jun 2021 - Aug 2021

The Akshaya Patra Foundation internship is an opportunity for students to gain experience in the non- profit sector, while contributing to ending child hunger in India. Interns can expect to develop new skills, work alongside experienced professionals, and contribute to the foundation's mission.

SKILLS

- **OS:** Windows, Ubuntu, Cent OS
- **Languages:** Python, JAVA, Frontend Development , SQL
- **Software:** VS Code, Intellij, VMware, Git, Docker , React, JSON Formatter.

- Report writing/ Documentation
- Verbal communication

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
B. Tech in Computer Science Engineering- Spec. in Big Data/CCVT	University of Petroleum and Energy Studies	7.79 CGPA	2020-2024
Class 12th	Vrindavan Public School, Ajmer	63 %	2020
Class 10th	St. Stephen's Senior Secondary School, Ajmer	69 %	2018

ACADEMIC PROJECTS

Solving Travelling Salesman Problem using Differential Evolution Algorithm

This minor project aims to solve the Travelling Salesman Problem using Differential Evolution Algorithm. The TSP is a well-known optimization problem that is computationally challenging. Differential Evolution Algorithm is a population-based optimization algorithm that has been successfully applied to solve various optimization problems.

Academically Weak Student Prediction Mode

The "Academically Weak Student Prediction Model" is a minor project that aims to develop a data-driven system to identify students at risk of academic underperformance. Using machine learning algorithms and academic data, the model will help educational institutions proactively intervene and provide targeted support to struggling students, fostering better academic outcomes.

ACCOMPLISHMENT AND RECOGNITION

Certifications

- AWS Academy Graduate - AWS Academy Cloud Data Pipeline Builder
- AWS Academy Graduate - AWS Academy Cloud Developing
- AWS Academy Graduate - AWS Academy Cloud Foundations
- AWS Academy Graduate - AWS Academy Introduction to Cloud Semester 1, 2
- Google Cloud Fundamentals - Core Infrastructure

Research Paper

- Vijay Prakash, Chirag Jain, Raghav Rathi, Lalit Garg, Varun Shukla "Setting up an OpenVPN Server on the Google Cloud Platform." In Proceedings International Conference on Cryptology and Network Security with Machine Learning, 2023 (ICCNSML 2023) to be held at Pranveer Institute of Technology (PSIT), Kanpur, India, October 27th -29th, 2023. (Scopus).