

Sudeep Surendra Rawat

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OBJECTIVE

Seeking a role in the field of data science or software engineering where I can learn new skills and leverage my learnings.

EDUCATION

SUNY Binghamton

Master's in Computer Science (GPA – 3.7)

AUG 2021 – MAY 2023

University of Mumbai

Bachelor of Engineering in Computer

AUG 2016 – MAY 2020

SKILLS

Python (Django, MongoDB), Java, JavaScript (React, Redux, Node.js), HTML, CSS, C/C++, SQL (MySQL), Tableau, Perl, PHP, Spring Boot, JWT

PROFESSIONAL EXPERIENCE

Contexio, Mumbai

Research Analyst

NOV 2020 – JAN 2021

- Analyzed best-in-class and competitive e-Commerce platforms to recommend solutions to improve sales.
- Compared User Experience and data across competitors for display and feature recommendations.

HIGHLIGHTED PROJECTS

Project – Twitter Trend Analysis

MAY 2020

- Designed a GUI (Tkinter) to convert Twitter data from statements and sentiment into rows and columns using NumPy and Pandas.
- Implemented a feature to filter and sort tweets into automated clusters based on geo-location, time zones, etc.
- Analyzed the tweets to generate statistical insights (histogram, scatterplot, bar graphs) based on location and date.
- Implemented search feature to find a particular user and obtain general information.

Project – Social Media Data Scrapping and Visualization

DEC 2022

- Designed scrappers with Python to collect data from social media websites like Twitter (sports context), Reddit (comments) and YouTube (comments) for about one month.
- Stored data in NOSQL database (Mongo DB) for generating insights.
- Performed negative sentiment or toxicity analysis using BERT model and generated visualizations using Matplotlib plots.

Project – Spring Boot CRUD Application with Security

JAN 2023

- Developed a secure CRUD application using Spring Boot framework with JWT (JSON Web Token) authentication.
- Implemented Spring Security and JWT for secure user authentication and authorization.
- Utilized Spring Data JPA and Hibernate for efficient database operations.
- Integrated front-end technologies such as HTML, CSS, and JavaScript to create a user-friendly interface.
- Ensured data validation and error handling within the application.

ACHIEVEMENTS

Extra-Curricular

District Level Chess Player, Undergrad Final Year Project Published in IJSRCSEIT