Shravan Purwar

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EDUCATION

Bachelor of Science in Computer Science   August 2018 – May 2022
Krishna Engineering College, Ghaziabad

Senior Secondary Education   July2017-June2018

Gramoda International School, Mauranipur, Jhansi

SKILLS

Technical Language: C, C++, SQL, , Python,
Web Dev: HTML, CSS, JavaScript,, React, Node.js
Areas of Interest: Problem Solving, DSA, Data Analytics, Cloud Infrastructure, Software Development

Others: OOPS, DBMS, Microsoft Azure, NumPy, Pandas, Machine Learning, OpenAI,

Tools: Git, GitHub, Microsoft SQL Studio, MS Excel, Vs Code, Android Studio, Jupyter Notebook, Google Colab, Power BI, Pycharm
Soft Skills: Collaborative, Problem Solving, Critical Thinking

WORK EXPERIENCE

Virtual Engineering Intern | Goldman Sachs | **Remote** Feb-2023☑

- Implemented robust password policies, enhancing system security.
- Conducted ethical analysis of leaked password databases to identify security vulnerabilities.
- Improved password policies with stronger complexity requirements of complexity, length and expiry.
- Quantified control effectiveness through statistical analysis, influencing data-driven decisions.

Project Engineer Intern | WIPRO | **Gurugram, India** Mar-July 2022☑

- Created a examination-portal as the part of the project completion for internship.
- Contributed to the development and enhancement of various web applications, applying best practices in front-end development.
- Worked for the full software development cycle from scoping, analysis, design, and implementation to delivery and support.
- Conducted rigorous testing to ensure compatibility, usability and performance. Met with senior programmers for weekly code reviews.
- Learned about the Microsoft azure cloud platform and its services to deploy into production.

Data-Analyst Intern| IBM | **Remote** June – October 2021☑

- Utilize machine learning and statistical techniques to analyze stored data and identity trends and patterns to aid decision-making and optimizing.
- Collaborated with a team of four analyst to develop predictive models using various machine learning algorithms, versioning of datasets, models and deploying ETL pipelines .
- Data cleansing, merging, and enrichment, exploratory and targeted data analysis for actionable insights.
- Implemented predictive models that forecast upcoming results and results and recommend appropriate learning paths, feature engineering to extract meaning features from data.

PROJECTS

Salary-Prediction Web App| Python | **SQL** | **Streamlit** | Github | Live

- Developed a salary prediction web-app where users can select desired experience to predict the ongoing trend of salary pay.
- Developed a robust machine learning model using scikit-learn to predict salaries based on the input features. Employed various algorithms and fine-tuned the model for optimal accuracy.
- Deployed a web app with data science libraries scikit learn, matplotlib, streamlit frameworks instance for global access to the website.
- Successfully created an end-to-end web application that assists job seekers and employers in estimating competitive salaries..

Student Record Manager | Python | **Thinkter** | **SQL** | Github | Live

- Developed a Student Record Manager using Python, SQL, & Created an intuitive user interface using the thinkter library for data interaction
- Implemented features for adding, updating, and deleting student information within the system,utilized SQL queries to enable quick and accurate data retrieval based on various criteria .
- Incorporated data validation mechanisms to ensure accuracy and consistency of entered information, Strengthened proficiency in Python programming, GUI development, and database management

Sales Dashboard Visualization | PowerBI | **SQL** | Github | Live

- Created insightful visualizations to represent sales data trends and key performance indicators, provided actionable insights by translating complex data into comprehensible visuals..
- Designed interactive dashboards for exploration and decision-making, Extracted, transformed, and load data from SQL database for analysis
- Provided actionable insights by translating complex data into comprehensible visuals, strengthened SQL proficiency by optimizing queries for efficient data retrieval

CERTIFICATIONS & ACHIVEMENTS

- Microsoft Certified Azure Fundamentals ☑   & Azure AI Fundamentls.☑
- IBM Data Science Badges☑
- NPTEL Development of Soft Skills.☑

CODING PROFILES

- HackaaerRank 4* Python & SQL.☑
- Codechef Div*2☑
- Leetdode 60+ questions.☑