

Surya B

Software Engineer

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Summary

Software Engineer skilled in Python, SQL, Power BI, web scraping, and data analysis. Experienced in AWS, machine learning, automation, and data visualization, with a focus on optimizing workflows and solutions.

Technical Skills

Tools: Python, SQL, Streamlit, Power BI, Excel, Data Cleaning and Preprocessing, EDA.

Databases: AWS, MySQL, New Relic

Libraries: SciKit-Learn, NumPy, Pandas, Matplotlib, Seaborn.

ML / DL Models: KNN, Regression, Decision Trees, Random Forest

Experience

•Software Engineer

May 2024 - Present

Gmware

Bengaluru

- Designed and optimized web scraping solutions with APIs and BeautifulSoup, extracting over 20 million data points daily from multiple e-commerce platforms.
- Created Python and JavaScript scripts to extract data from a Power BI View-Only file, automating complex scraping tasks.
- Implemented automated monitoring and anomaly detection using AWS Cloud-Watch and New Relic dashboards, streamlining data analysis and operational insights.

•Data Science Intern

oct 2023 - Apt 2024

AI Variant

Remote

- Contributed to ongoing data science projects using Python, SQL, and other tools
- Worked with machine learning algorithms for data analysis and model development and Analyzed data to derive actionable insights for decision-making.

•Software Engineer Intern

Feb 2023 - Jul 2023

Cross Seven Technolgies

Remote

- Led web scraping project, boosting efficiency by 10
- Employed data manipulation techniques for error resolution.
- Documented and analyzed failed crawlers for improvements.

Projects

•Bankruptcy Prediction

[GitHub]

- Analysed financial and non-financial data for bankruptcy prediction.
- Employed algorithms such as Logistic Regression and Random Forest for analysis.

•Resume Classification(NLP)

[GitHub]

- A machine learning project that classifies resumes and suggests suitable job roles based on skills and experience. It helps match candidates with ideal career opportunities.
- Input: Upload the Resume.
- Output: An interactive dashboard with aspects, sentiments, and various plots summarizing the reviews.

Education

B.E. in Electrical and Electronics Engineering

Bengaluru

July 2023