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 Yash Kumar Saini

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SKILLS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Languages Python, C, C++, Data Science, ,SQL, Markdown, YAML ,Java, HTML, CSS, Javascript

Frameworks Flask, Django, Streamlit, ReactJS, TailwindCSS, Bootstrap, Node Js, Tensorflow, Scikit-Learn

Software/Tools VSCode, GCP, MongoDB, Jupyter Notebook, Git, Github, Google Workspace, Notion, Postman, Pieces, Heroku, Github Actions

Certificates Upgrad Data Science Analytics, Postman API Fundamentals, Python For Data Science, Data Analyst, ML Engineer

Soft Skills Communication, Teamwork, Problem Solving, Learning, Automation, Content Writing, Statistical Data Analysis

EXPERIENCE \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WINTER OF BLOCKCHAIN | Open Source Contributor Sept 2024 - Present

 ● Currently contributing in an open-source event that has more than 205 projects, in the field of Blockchain Web3.

 ● Main tasks include implementing new features, resolving bugs, and enhancing project functionality within a collaborative community.

 ● Collaborating and working together on open-source projects using tools like Git and Github service.

GIRLSCRIPT SUMMER OF CODE | Open Source Contributor May 2024 - Aug 2024

 ● Contributed to multiple open-source projects: Opened 17 Pull Requests, with 14 successfully merged across 7 projects.

 ● Active issue management: Opened 29 issues and resolved 17, improving project code quality and functionality.

 ● Engaged in the community: Answered 11 discussions and reviewed 4 Pull Requests, fostering collaborative development.

CODSOFT | Data Science Intern Jan 2024 - Feb 2024

 ● Documented coded 5+ different Machine Learning algorithms for Prediction and Classification purposes, and created a web application interface using

 the Streamlit framework.

 ● Utilized XGBoost model to predict sales with a score of 1.15 MSE 0.94 R-squared scores with multiple variables.

 ● Also tested 4+ ML algorithms to predict fraudulent credit card transactions, in which Linear Regression model achieved a best accuracy score of 98%.

PRODIGY INFO-TECH | Machine Learning Intern Dec 2023 - Jan 2024

 ● Developed over 3+ Machine Learning projects with Feature Engineering Selection techniques to solve real-world challenges.

 ● Developed a KNN ML algorithm for prediction of House Prices with a Cross-Validation score of 0.83 and a best accuracy score of 86%.

GIET | Content Writer

 ● Raised personal and academic profile by receiving a certificate for a review paper presentation titled "Data Science - Review Paper" at the prestigious 2nd

 Multidisciplinary National Conference 2023.

MERISKILL | Data Analyst Intern Dec 2023

 ● Performed Data Analysis Data Visualization to accomplish the insights on HR attrition. Used Python libraries to plot Numerical Categorical features on

 measurable scale.

 ● Attrition rate in the organization is 16%. Maximum was seen in groups 18-30 years of age.

BHARAT INTERN | Data Science Intern Aug 2016 - Aug 2017

 ● Conducted data analysis and visualization on the Titanic dataset, extracting actionable insights and achieving 0.83 accuracy and 0.82 cross-validation

 scores.

 ● Built and deployed an LSTM model for email classification, achieving 95% accuracy in distinguishing between spam and non-spam emails. Visualized term

 frequency in spam emails by creating Word Clouds, enhancing understanding of spam characteristics and model performance.

ACADEMIC PROFESSIONAL PROJECTS \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Update Leetcode GIST (~4 hours) | YAML, Javascript, CI/CD (Github Actions), Github), Git (Version control) Aug 2024

 ● Developed a tool to automatically update and manage LeetCode problem solutions on GitHub Gist, enhancing accessibility and organization of coding

 solutions.

Code Whisper (~6 hours) | Python, Streamlit(Framework), Groq API(AI services), Github, Git (Version control), Render(Deployment) Aug 2024

 ● Developed an AI Coding Assistant using Streamlit, python framework integrated with Groq API to provide coding assistance.

 ● Implemented API key validation dynamic model selection from 5 different models interacted with AI Bot for personalized coding support.

Lead Case Study Capstone Project (~15 hours) | Tech Stack: Python, Jupyter Notebook, Github(Collaboration), Git (Version control) Jan 2024

 ● Analyzed raw data and built a logistic regression model for predictions, demonstrating skills in data analysis, visualization, and model implementation,

 accompanied by a well-structured codebase, summary report, and business case insights.

ACTIVITIES \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

WoB’24 Open Source Contributor, HeadStarter AI SWE Fellow, GSSOC’24 Open Source Contributor, 2024-Present

Yugaantar - Head Coordinator, Postman API Fundamentals

Codex GIET Club - Member, NPTEL Online Course (Data Science), Student Coordinator (6+ Events) 2023-2024

GIET 2nd Multidisciplinary National Conference - Student Coordinator

EDUCATION \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

GIET, Gateway Institute of Engineering Technology Bachelors of Computer Applications in Computer Science Sept 2022 - Mar 2025

Data Science Bootcamp Upgrad (24-week intensive on Data Science, Data Analytics, Machine Learning) Jun 2023 - Feb 2024

NPTEL Python for Data Science Jul 2023 - Aug 2023

Happy Home Montessori School April 2018 - Mar 2022