

KRATI SAXENA

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[LINKEDIN](#) | [LEETCODE](#) | [HACKERRANK](#) | [CODECHEF](#) | [GITHUB](#)

EDUCATION

Pranveer Singh Institute of Technology (PSIT) , Kanpur

Bachelor's Of Technology in Computer Science & Engineering

12/2020 - 06/2024

CGPA : 8.32

Sughar Singh Academy (Central Board of Secondary Education) , Kanpur

Senior Secondary (Class - XII)

04/2019 - 03/2020

Percentage : 86.6%

Sughar Singh Academy (Central Board of Secondary Education) , Kanpur

Higher Secondary (Class - X)

04/2017 - 03/2018

Percentage : 88.8%

SKILLS & INTERESTS

Programming / Scripting Languages : C (Proficient), Python (Proficient), Java (Beginner), HTML, CSS

Version Control Tools / IDE : Git, Github , Visual Studio Code, Microsoft Word, Excel, and PowerPoint

Computer Fundamentals : Database Management System, Object Oriented Programming, Data Structures and Algorithms, Machine learning, SQL

Interests : Competitive Programming, Data Science, Web Development

PROJECTS

Is Driver Drowsy ?

(03/2023 - present)

- Utilizing Python, Image Processing for seamless system operation, ensuring efficient analysis of driver behavior patterns.
- Developing and deploying a real-time alert and notification system, reducing the risk of driver drowsiness.
- Promoting immediate corrective actions, may resulting in a 30% decrease in accidents and ensuring driver safety.

Product Sales Prediction

(02/2023)

- Spearheaded cutting-edge Machine Learning algorithms and Python, enabled data-driven sales forecasting for businesses.
- Analyzed advertisement data to provide accurate sales forecasts, facilitating strategic decision-making.
- Optimizing marketing campaigns, and maximizing revenue potential for clients.

Email-spam Detector

(01/2023)

- Leveraged Python and intricate Machine Learning (Numpy, Pandas, Seaborn Libraries) for precise spam classification.
- Engineered accurate email filtering mechanisms, showcasing expertise in predictive analysis.
- Boosted email security protocols , minimized cybersecurity thefts and reinforced communication integrity standard.

Live Tweets Analyzer

(11/2022 - 12/2022)

- Designed innovative solution to determine sentiments of tweets, coupled with intuitive graphical representations.
- Improved real-time social media analytics, enhanced user engagement and actionable insights for strategic decision-making.
- Utilized Flask, HTML, and CSS to create a seamless and visually appealing UI, represented expertise in web development technologies.
- Led a cross-functional team through design, implementation, testings, and utilizing Python, Machine Learning, and NLP expertise.

EXPERIENCE

Data Science Intern | Oasis Infobyte

(01/2023 - 02/2023)

- Developed projects for socioeconomic analysis, market prediction, and data classification.
- Applied data-driven paradigms, consistently delivered strong performances and innovative approaches in project execution.

Data Science Intern | Codeclause

(02/2023 - 03/2023)

- Applied analytical and programming proficiency, leading to streamlined data processing in Machine Learning, Python, and Data Science methodologies.
- Demonstrated a deep understanding of diverse technologies, contributing to strengthened accuracy and efficiency in project outcomes.

ACHIEVEMENTS

- Achieved recognition for proficiency in Python, Java, and C languages, evidenced by top-rated solutions on [Hackerrank](#).
- Regularly engaging in challenging [LeetCode](#) problems, presenting expert-level proficiency in algorithmic analysis and coding strategies.
- Secured a stable 1465 rating on [Codechef](#), excelling in competitive and complex programming contests with signified results.
- Mastered active [Github](#) contribution during Hacktoberfest 2022 by contributing high-quality programming codes to repositories.
- Shortlisted for Round 2 in **Google Girl Hackathon - 06/2023** ([Link](#))
- Secured 6356 Global Rank in **Google Kick Start - 11/2022** ([Link](#))

CERTIFICATIONS

- "**WittyHacks 3.0**" (04/2023) - Highlighted coding prowess and creativity by actively participation in a hackathon event. ([Link](#))
- "**SheBuilds**" (01/2022) - Guided the team in crafting and implementing an innovative solution, ensured successful collaboration and project delivery during hackathon. ([Link](#))
- Devtown Bootcamp - Awarded **Google and Microsoft** certifications, validating expertise in Python and Deep Learning technologies. ([Link](#))

LANGUAGES

- English-** (Full Professional Proficiency)
- Hindi -** (Native or Bilingual Proficiency)