

MIRINAL KAPRI

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Career Objective

Passionate Computer Science and Engineering student with a drive to create meaningful technological solutions. Eager to contribute my technical skills and innovative mindset to projects that drive positive change.

Skills

- Programming Languages : Python, C++, C#, Java
- Web Technologies : HTML, CSS, JavaScript, ReactJS
- Database : MySQL, MongoDB
- Software & Tools : Jupyter Notebook, Tableau, Power BI, MS Excel, ASP.NET, Selenium
- Cloud : AWS, Azure, Git

Education

Graphic Era Hill University, Dehradun 2020-2024

B.Tech: Computer Science And Engineering
CGPA: 7.7

Hope Hall Foundation School, New Delhi 2019
12th

Percentage: 77%

Kendriya Vidyalaya 1, Banbasa 2017
10th

CGPA: 10

Certifications and Achievements

- [Completed Bootcamp: Completed Bitcoin for Developers certification by Saylor Academy.](#)
- [Introduction to Cybersecurity by Cisco Networking Academy.](#)
- Organized NSCC Coding Contest in college.
- Participated and secured leaderboard position in various trading contest.
- Achieved 2nd position in state swimming competition.

Work Experience

Lixotic Solutions - Web Development Intern

Remote 07/2023 - 09/23

- Transformed and redesigned the company's website, enhancing visual appeal for heightened user experience and increased satisfaction.
- Participated in code reviews, ensuring adherence to best practices and maintaining high-quality standards throughout projects.
- Developed and integrated case studies showcasing successful clients projects and by incorporating contact forms and meeting booking links directly on the website.
- Increased customer acquisition by 30%.

PROJECTS

1. Research and Implement Mean Reversion on Popular Stocks

[Link](#)

Python, Jupyter Notebook

- Developed a profitable mean-reversion trading indicator using machine learning and robust risk management.
- Demonstrates proficiency in statistical methods like linear regression and normal distribution relevant to quantitative finance. Achieved consistent gains through back-testing on prominent Indian stocks.
- Authored research paper detailing the strategy's design, implementation, and effectiveness
- The paper was accepted for presentation at the 2nd International Conference on Disruptive Technologies (ICDT) held by the IEEE at GL Bajaj Institute of Technology and Management.

2. Tweet Emotion Tracker

[Link](#)

Python, Machine Learning

- Utilized Natural Language Processing (NLP) techniques to analyze Twitter data and classify tweet sentiment (positive, negative, or neutral)
- Leveraged Python libraries (NumPy, pandas, seaborn, matplotlib) for data manipulation, visualization, and analysis.
- This project demonstrates expertise in NLP, data analysis, and Python programming skills.

3. Organic Farming

[Link](#)

HTML, CSS, JavaScript

- Developed a Web Development Project which tells about the basics of organic farming and how an individual can support and promote organic farming.
- Responsive for multiple device.