

KHUSHI KHARI

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PROFESSIONAL SUMMARY

Innovative professional excelling in web development, data science, and machine learning. Proficient in diverse programming languages and data analysis tools. Committed to continuous learning and driving exceptional results. Ready to contribute creativity and expertise to your team.

PROFESSIONAL EXPERIENCE

Center for Railways Information Systems (Ministry of Railways) July 2023 – September 2023
Web Development Intern

- Developed a project for managing reports created by the ITMS department of railways, utilizing HTML, CSS, Bootstrap, JavaScript, React, Angular, Node.js, Express.js, and MongoDB.
- Earned a letter of recommendation from the project head.

Tech-a-intern September 2023 – October 2023
Data Science Intern

- Executed data visualization and preprocessing techniques on fitness band data, resulting in a 15% enhancement in data accuracy.
- Unearthed and documented various insights derived from fitness band data, employing Python, logistic regression, Seaborn, and Matplotlib.

CodeSoft October 2023 – November 2023
Machine Learning Intern

- Spearheaded a project focused on the prediction of heart disease, achieving an accuracy rate of 90%.
- Successfully deployed and operationalized the project, using Python, Pandas, Scikit-learn, Streamlit, TensorFlow, and Jupyter Notebooks.

EDUCATION

Maharaja Surajmal Institute (GGSIPU) 2021-2024
Bachelor of Computer Applications (Honors) with specialization in Data Science
CGPA: 9.02 (85.5%)

SKILLS

- Programming Languages: Java, Python, C++, JavaScript
- Databases: SQL, MongoDB, NoSQL
- Data Analysis and Visualization
- Cloud Platforms: AWS, Google Cloud
- Machine Learning, Deep Learning
- Web Frameworks: Django, Flask
- Data Analysis Tools: Pandas, NumPy, Scikit-learn

CERTIFICATIONS

- Deep Learning, NPTEL
- Human Resource Management, NPTEL
- Google Cloud Computing, NPTEL
- Big Data Computing, NPTEL (92%)
- Full Stack Web Development, Udemy
- Data Science, ML, and AI, Udemy
- Natural Language Processing (NLP), NPTEL
- AWS, ICT Academy

PROJECTS

Image Recognition for Medical Diagnosis:

- Developed a deep learning model using CNNs to analyze medical images for diagnosing diseases.
- Achieved accurate detection and classification of medical conditions, enhancing diagnostic accuracy.
- Leveraged advanced image processing techniques to assist medical professionals and improve patient outcomes.

Music Genre Classification:

- Built a machine learning model to classify music genres based on audio features.
- Explored various classification algorithms and feature extraction techniques.
- Enhanced music recommendation systems, providing personalized recommendations.

Breast Cancer Prediction App:

- Utilized machine learning and neural networks to develop an app for predicting breast cancer with 92% accuracy.
- Leveraged advanced algorithms and feature extraction methods to analyze medical data.
- Empowered users with a user-friendly tool for early detection and prevention of breast cancer.

Stress-o-Meter:

- Developed a machine learning model for stress detection using Kaggle data.
- Implemented advanced algorithms and statistical methods to classify stress levels.
- Provided valuable insights into stress levels, promoting self-awareness and proactive stress management.

Marvel Verse:

- Designed and implemented a Marvel blog website using HTML, CSS, JavaScript, React, Node.js, and Express.js.
- Created a platform for Marvel enthusiasts to explore and engage with content.
- Integrated interactive features to enhance user engagement, fostering a vibrant online community.

PUBLICATIONS

Advancing Breast Cancer Detection: Synergies of Fine Needle Aspiration and Machine Learning Models:

- Published paper in the Proceedings of the ICA5NT (International Conference on Artificial Intelligence, 5G Communication, and Network Technologies)
- Contributed research on leveraging fine needle aspiration and machine learning models for enhanced breast cancer detection.
- Presented findings on innovative approaches to improve diagnostic accuracy and efficiency in breast cancer screening

COURSEWORK

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|---|---|
| • HTML, CSS, Bootstrap, JavaScript | • Software Design Principles, Data Warehousing, and Data Mining |
| • DBMS, Data Structures and Algorithms, OOP | • Operating Systems, Cybersecurity, Cloud Computing |
| • Computer Networks, Computer Organization and Architecture | |

TOOLS

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| • Version Control: Git, GitHub | • Productivity Suites: Microsoft Office, Google Workspace |
| • IDEs: IntelliJ IDEA, PyCharm, Visual Studio Code | |
| • Data Analysis: Jupyter Notebooks, Pandas, Matplotlib, NumPy | |

SOFT SKILLS

- Problem Solving
- Logical Reasoning
- Interpersonal Communication
- Time Management