

Khushi Khari

8448251373 | Delhi, India | khushikhario3@gmail.com | www.linkedin.com/in/khushi-khari-150616271 | github.com/khushikhari | [Leetcode](#) | [Portfolio Website](#)

Passionate professional with a strong foundation in data analysis, machine learning, and web development, committed to leveraging technical skills to drive impactful results and contribute to organizational success.

PROFESSIONAL EXPERIENCE

Center for Railways Information Systems (Ministry of Railways)

July 2023 - September 2023

Frontend Developer Intern

- Frontend Development: Created a user interface for a machine learning-based Train Management System, including predictive and prescriptive analytics and data visualization.
- User Management: Implemented a secure login and registration system using HTML, CSS, Tailwind, React, Node.js, Express.js, and MongoDB.
- Achievement: Received a letter of recommendation for exceptional contributions to the project.

CodeSoft Limited

September 2023 - November 2023

Data Science & Machine Learning Intern

- Improved fitness band data accuracy by 15% using Python, Seaborn, and Matplotlib. Achieved 90% accuracy in predicting heart disease with a model developed using Python, Scikit-learn, and TensorFlow.
- Insight Documentation: Unearthed and documented key insights from data analysis, contributing to improved decision-making and operational efficiency.

EDUCATION

Amity University

Present-2026

Master of Computer Application with specialization in Machine Learning and AI,

Maharaja Surajmal Institute (GGSIPU)

2021-2024

Bachelor of Computer Application (Honors) with specialization in Data Science, CGPA: 9.02

SKILLS & OTHER

- Programming Languages:** Proficient in Java, Python, C++, and JavaScript.
- Web Development:** HTML, CSS, Bootstrap, JavaScript, and web frameworks like Django and springboot.
- Data Analysis & Visualization:** Pandas, NumPy, Scikit-learn, and Matplotlib for data analysis and visualization.
- Machine Learning & Deep Learning:** Machine learning models along with CNN, FNN, RNN, NLP and computer vision.
- Database Management:** SQL, MongoDB, NoSQL, with a solid understanding of DBMS and data warehousing.
- Tools:** Git, GitHub, IDEs (IntelliJ IDEA, PyCharm, VS Code), cloud platforms (AWS, Google Cloud), and productivity suites (Microsoft Office, Google Workspace).

CERTIFICATIONS

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

PROJECTS

- MedVision Pro:** Developed a deep learning model using CNNs for medical image analysis and diagnosis. Technologies used: Python, TensorFlow, Keras, OpenCV.
- Amazon Price Tracker:** Created a web scraper to track and notify users of price drops on Amazon products. Technologies used: Node.js, Puppeteer, Express.js, SQLite.
- Breast Cancer Prediction App:** Developed an app for predicting breast cancer with 92% accuracy using machine learning and neural networks. Technologies used: Python, TensorFlow, Keras, Scikit-learn.
- Marvel Verse:** Designed and implemented a Marvel blog website with interactive features. Technologies used: HTML, CSS, JavaScript, React, Node.js, Express.js, MongoDB.
- Other:** Music Genre Classification, Stress-o-Meter, LinkedIn-data-extractor, Image generation using DallE

PUBLICATIONS

Published research paper in the Proceedings of the ICA5NT on **Advancing Breast Cancer Detection: Synergies of Fine Needle Aspiration and Machine Learning Models**. 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.