MAHIYA MISHRA

Chennai,Tamil Nadu

📞 8979542808 ✉ mm9929@srmist.edu.in in LinkedIn Github Ⓗ Hackerrank </> LeetCode

EDUCATION

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY   **2022-2026**

B.Tech - CGPA - 9.15   *Chennai, Tamil Nadu*

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Computer Networks
- Database Management System (DBMS)
- Artificial Intelligence
- OOPS Concept
- Machine Learning
- Cloud Computing
- Software Methodology
- Natural Language Processing
- Data Science

PROJECTS

MAPMATE | HTML, Tailwind CSS, Bun.js, JavaScript, PostCSS   **APRIL 2025**
- Built a fast and responsive location-based web app using Bun.js and Tailwind CSS, optimizing performance and user experience.
- Designed a modular structure and clean UI for seamless navigation and user interaction.
- Configured modern development tools (PostCSS, ESLint) for scalable and maintainable code.

BIOINFORMATICS | Python, Flask, scikit-learn, Biopython, NumPy, Matplotlib   **NOVEMBER 2024**
- Built a web app using Flask to predict protein properties from amino acid sequences using SVM.
- Leveraged Biopython for sequence analysis and scikit-learn for machine learning-based classification.
- Visualized results with 2D/3D plots using matplotlib for better biological insight.

SKIN CANCER DETECTION | TensorFlow, InceptionV3, OpenCV, EfficientNet, Seaborn   **MAY 2024**
- Built a deep learning-based diagnostic tool to classify skin lesions as benign or malignant using image processing and CNN architectures.
- Implemented transfer learning with InceptionV3 and EfficientNetV2 models on the ISIC skin image dataset to enhance classification accuracy.
- Leveraged OpenCV for lesion segmentation and built a real-time image upload interface, achieving high diagnostic accuracy to support early skin cancer detection.

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, HTML, CSS
Developer Tools: Git, GitHub, Jupyter Notebook, Google Colab, VS Code, TensorBoard, ModelCheckpoint, ESLint, PostCSS, Tailwind CSS, OpenCV, Matplotlib, Seaborn, Bun.js, pip

EXTRACURRICULAR

LETS GIVE HOPE FOUNDATION NGO
Community Educator & Youth Mentor   *Lucknow*
- Drove impact as a community educator at Let's Give Hope Foundation by delivering interactive lessons, mentoring underprivileged students, and guiding them in career exploration.
- Certificate of Completion ↗

NSCC SRM – Coding Community Club
Creatives Member
- Conceptualized and designed digital content for coding events and workshops, supporting a vibrant student tech community through impactful visuals and branding.

GEN-Y Events Team
Content Head
- Led content strategy and creation for events, blending storytelling and audience engagement to promote youth initiatives and campus-wide participation.

CERTIFICATIONS

- DBMS Course-Scaler
- AWS-Machine Learning Foundations
- UDEMY-Fiber optics
- Oracle Cloud Infrastructure
- NPTEL-Java
- Deep Learning
- Computer Networks-Cisco
- NPTEL-Computer Architecture

ACHIEVEMENTS

- Ranked 4th position in Hackfusion Hackathon conducted by NIT Jamshedpur among 848 members.

- Won in the Project Expo 2023 for the project Road Power Generating System.

- Volunteered for 5 days of Data Analyst workshop conducted by SRM ASI Student chapter.