Laksharaj Jha

Email: laksharajjha@gmail.com
Linkedin: linkedin.com/in/laksharajjha/
Mobile: +91-9077826543
Github: github.com/Laksharajjha
Leetcode: leetcode.com/u/laksharajjha/

EDUCATION

SRM Institute of Science and Technology, Tiruchirappalli — Tamil Nadu, India
Bachelor of Technology - Computer Science Engineering; CGPA: 8.69 — *September 2022 - May 2026*

COURSEWORK

Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

SKILLS SUMMARY

- **Languages**: JAVA, C++, JavaScript, Dart, Html, CSS, ReactJs, NodeJs,
- **Tools**: MySQL, MongoDB
- **Platforms**: Linux, Web, Windows, IOS, Arduino, AWS
- **Soft Skills**: Leadership, Event Management, Writing, Public Speaking, Time Management

PROJECTS

- **FitQuest - Fitness Tracking App**: (Work in progress) Developed a fitness tracking app using Flutter for health goal tracking.
  - Implemented exercise tracking, goal-setting, and progress monitoring features.
  - Utilized Dart for cross-platform development with a responsive UI.
  - Integrated MongoDB for database management and Node.js for the backend.
  - Added user authentication and data persistence for personalized experiences.

  (Link)

- **Deep Learning Model For Skin Cancer Detection (Supervised Learning)**: Trained a CNN-based deep learning model using TensorFlow for skin cancer detection.
  - Preprocessed medical image data for optimal model training and performance.
  - Designed and fine-tuned model architecture to enhance accuracy and reliability.
  - Implemented a Flask web application for user-friendly image input and prediction display.
  - Ensured compatibility and error handling throughout the development pipeline.

  (Link)

- **FASE - Feasibility Assessment System for Agricultural Environments**: Focused on assessing the feasibility of cultivating crops in specific environments to ensure sustainable agriculture.
  - Addresses challenges posed by unpredictable climate change and shifting weather patterns in agriculture.
  - Ensures the right crops are cultivated in suitable environmental conditions for optimal productivity.
  - Utilizes technologies that assess soil health and environmental factors to determine the best crops for cultivation.
  - Aims to promote sustainable and efficient agricultural practices by integrating climate data with crop suitability analysis.

  (Link)

HONORS AND AWARDS

- Second Place at IEEE Paper Presentation at IIITDM Kanchepuram, Chennai, in A Tech Fest(Link)
- Top 10th Percentile Overall Score Globally, Based on the score of the C-Factor Gamified assessment.(Link)
- SRMIST, KTR Hackathon Hack Summit 4.0: Placed in the top 10 out of 350+ participants(Link)

VOLUNTEER EXPERIENCE

Volunteer at Navjyoti Sansthan — Uttar Pradesh, India
Hands-on experience in NGO operations, enhancing understanding of nonprofit work — *July 2024 - August 2024*

Event Coordinator at Entrepreneur Club, SRMIST Tiruchirappalli — Tamil Nadu, India
Organized events and delivered workshops reaching over 300+ students — *September 2022 - August 2023*