

# Mohit Joshi

[Github](#) [Portfolio](#) [LinkedIn](#) [Champawat, Uttrakhand](#) [6296995093](#) [b210055@nitsikkim.ac.in](#)

## EDUCATION

**Bachelor of Technology, Electronics and Communication Engineering,** 12/2021 - 05/2025 | Ravangla, India  
National Institute of Technology Sikkim [🔗](#)  
CGPA - 7.71 (Upto 6th Semester)

## SKILLS

**Programming and Scripting Languages:** C, C++, JavaScript, Java, Python, php, Html, YAML & MatLab

**Tools & Frameworks:** Bootstrap, CSS, Tailwind CSS, MySQL, NodeJS, npm, pip, ReactJS, Vite, ExpressJS, Git, Github, Postman, VS Code, Jupyter Notebook, Vim, IntelliJ, Docker & Kubernetes

**Designing Tools:** Adobe Photoshop, Canva & Figma

**Coursework:** Data Structure & Algorithms, Computer Networks, Linux, DBMS, Machine Learning & Deep Learning.

## EXPERIENCE

**Software Development Intern, Foxaisr** [🔗](#) 12/2023 - 01/2024 | Remote  
• Utilized ASP.NET with React JS & Tailwind CSS to design web pages tailored to client requirements.  
• Successfully migrated WordPress based websites to a performant and interactive HTML, CSS, and Bootstrap framework.

**Web Development Intern, Infits** 04/2024 - 07/2024 | Remote  
• Documented a proper workflow & took part in brainstorming to choose the tech stack for the project & worked on the UI/UX.  
• Worked on a job seeker platform using ReactJS, Vite, and Tailwind CSS for the frontend.  
• Built the backend with NodeJS and integrated Puppeteer and Cheerio for data scraping & Trained LLM and neural network models to enhance user interaction.

**Member - Technical and UI/UX Team, Web Development Cell, NIT Sikkim** [🔗](#)  
• Designed and developed the institute's new website using HTML, CSS, JavaScript, PHP, and MySQL with our team.  
• Website upgrade boosted daily user traffic by 31% & increased average time per user by 46% due to improved UI & clarity.

**Robotics Intern, Hiprotech India** [🔗](#) 06/2024 - 07/2024 | Remote  
• Developed and simulated various electronic circuits for automated tasks on tinkercad using ESP8266, Arduino UNO as boards.

## PROJECTS

**Child Gender Detection** [🔗](#) 05/2024 - present  
• Gender and age classification was performed using MFCC, Chroma, Tempo, SF, and their combinations.  
• PFStar Dataset was used in Logistic Regression, SVM, Decision Tree, Random Forest, Naive Bayes, KNN, ANN CNN, KAN & Wav2Vec2.  
• Performance was optimized using PCA, LDA, standardization, and normalization. Random Forest achieved the highest accuracy (94.57%), followed by ANN (92.25%) and CNN (87.60%). KAN excelled on seen data (100%) but dropped to 80% on unseen data.  
• HTML, CSS & Flask API was used for client side tasks such as taking input audio files from the users for Classification.

**Airline Ticket Booking System** [🔗](#) 12/2023 - 01/2024  
• Based on MVC pattern & contains a set of Microservices - API Gateway, Auth, Booking, Flights & Search and Reminder.  
• Used npm packages like sequelize(ORM), mysql2, JWT, nodemailer, cron, Rabbit MQ(Message Broker), amqpcli and many more in the project.  
• REST conventions were followed for API calls in MVC folders. RDBMS used for data storing was MySQL. For the load balancing, AWS was used.

**Face Detection-Recognition** [🔗](#) 06/2024 - 06/2024  
• Used HAAR Cascade Classifier for Detection of the face in a image & LBPH Algorithm for Face Recognition & for training Purpose with OpenCV.

## POSITION OF RESPONSIBILITY

**Convener & Web Development Coordinator,** 02/2022 - present  
Anuvrat - The Departmental Club of ECE [🔗](#)

**Student Coordinator, Training and Placement Cell, NIT Sikkim** [🔗](#) 04/2023 - present

**Class Representative, ECE Batch 2025, NIT Sikkim** 08/2022 - present

**Core Member, Udgam - NIT Sikkim** 03/2023 - 04/2023

## ACHIEVEMENTS & AWARDS

**Leetcode, 200+ Problems Solved** [🔗](#)

**Hackerrank, 5-Star(Problem Solving), 4-Star(C & C++), 3-Star(Java & 10 Days of Js)** [🔗](#)

**Global Rank 522, Codechef Starter 142 (Div. 4)** [🔗](#)

**Rank 18 in Coderush, Algo University & DevCans**  
(Coding Competition)