

Sourav Mahato

+91-9933575048 | souravmahato601@gmail.com | sourav-mahato121 | souravmahato2004

EDUCATION

National Institute of Technology Sikkim	Aug 2023 - Present
B.Tech - Computer Science and Engineering - CGPA- 7.42	Ravangla, Sikkim
Asansol North Point School	May 2022
Senior Secondary - Percentage- 77.2%	Asansol, West Bengal
Asansol North Point School	May 2020
Secondary - Percentage- 83.0%	Asansol, West Bengal

EXPERIENCE

Rojgaar	Dec 2025 – Present
Full Stack Developer	<i>Remote</i>
• Developed an internship application platform using React, Flask, and PostgreSQL .	
• Implemented real-time chat functionality between users using WebSockets for active communication.	
YantraPragya Developers Pvt Ltd	Dec 2025 – Jan 2026
AI Engineer	<i>Remote</i>
• Engineered a U-Net architecture from scratch with skip connections for high-precision segmentation.	
• Developed 512x512 RGB pipelines with bottleneck optimization and inference visualization for validation.	

TECHNICAL SKILLS

Programming Languages:	Python, C++, Java, C
Data Science & Machine Learning:	NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch
Data Handling & Databases:	MySQL, PostgreSQL, MongoDB
Web Development:	HTML, CSS, JavaScript, React.js, Node.js, Express.js, PHP, Tailwind CSS, Bootstrap
Tools & Platforms:	Git, GitHub, Linux, VS Code, Jupyter Notebook, Google Colab, Figma, Canva

PROJECTS

Titanic Survival Prediction GitHub Python, Pandas, Scikit-learn	
• Built a classification model to predict Titanic passenger survival using the Kaggle dataset.	
• Performed data preprocessing, feature engineering, and exploratory data analysis to identify key survival factors.	
• Trained and evaluated models including Logistic Regression and Random Forest to improve prediction accuracy.	
Predictive Diagnostic Analysis GitHub Python, Scikit-learn, Pandas, NumPy, Matplotlib	
• Developed classification models using Scikit-learn to predict diagnostic outcomes across medical datasets (Breast Cancer, Iris) with optimized accuracy.	
• Conducted extensive EDA and hyperparameter tuning across Decision Trees, KNN, and Naive Bayes to improve model robustness and feature scaling efficiency.	
Personal Portfolio Website GitHub HTML, CSS, Tailwind CSS, JavaScript, Vercel, Formspree	
• Built and deployed a fully responsive personal portfolio from scratch using HTML, Tailwind CSS, and JavaScript, featuring a serverless contact form via Formspree.	

POSITIONS OF RESPONSIBILITY

Member (Technical Team) - Web Development Cell, NIT Sikkim	Dec 2024 - Present
Member - DEV CANS (Coding Club), NIT Sikkim	Dec 2024 - Present
Volunteer - Training and Placement Cell, NIT Sikkim	May 2025 - Jan 2026

ACHIEVEMENTS

LeetCode GitHub	
• Solved 80+ LeetCode problems with strong algorithmic skills.	