IMON CHAKRABORTY

Kolkata, West Bengal, India • +91-7980997500 • chakraborty2005imon@gmail.com

---

WORK EXPERIENCE

Open Source Contributor   **August 2023 - Present**
- Making and contributing to random projects for the open-source community on GitHub.

PROJECTS

ALPINE: Avalanche Prediction and Information Navigation Engine
- Low cost IoT device for Avalanche Prediction using Logistic Regression

Jynxer: An AI-powered chatbot
- A chatbot that can process context and can be finetuned by users on the go
- Image classification, generation, magnet parsing, YouTube video summarization and much more

Pack Sniffer: A Linux-based packet sniffer and Parser
- A CLI tool which can sniff and parse IPv4 similar to WireShark

Pocket Tutor (App frontend only) : AI-powered learning assistant
- A React-Native Expo app using Javascript and Typescript

TECH STACK

Python, C, C++, MySQL, GoLang, React Native, Embedded System, Linux, Arduino, Git, Docker, OpenCV, TensorFlow, Keras, Google Cloud, Javascript, Typescript, Algorithms, Node.js

---

ACCOMPLISHMENTS

Patented Project: ALPINE—Avalanche Prediction and Information Nativation Engine
- Low-cost IoT device for Avalanche Prediction using Logistic Regression (Group Project)

Research Paper: (Ready but yet to be published; will update when it is published)
- (will be updated once published)

EDUCATION

Kendriya Vidyalaya Bamangachi   **April 2011 - April 2023**
Schooling
- Science student with Physics, Chemistry, and Mathematics along with Computer Science.

University of Engineering and Management, Kolkata   **July 2023 - July 2027**
Engineering in Computer Science and IoT
- Relevant coursework in Engineering and Computer Science.
- Projects, and Research on various tech challenges.

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Bengali