Sudipta Singha Rathi

Software Developer | Machine Learning Enthusiast

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 sudiptarathi2020 in LinkedIn

About Me

A 4th-year Computer Science and Engineering student at Jahangirnagar University, passionate about Machine Learning, Reinforcement Learning, System Design, and DevOps.

Education

- **Jahangirnagar University** – BSc in Computer Science and Engineering

- **Milestone College** – HSC in Science

- **Tetaigaon Rashid Uddin High School** – SSC in Science

Skills

Programming: Python, C, C++, Java, LaTeX, Bash
Frameworks: Django
Tools: Linux, Git, WSL, Docker, AWS
Databases: SQLite

Projects

JUMCMS

> A Django-based medical center management system for Jahangirnagar University, featuring appointment scheduling and medical records management.

Software Engineering Lab Reports

> A collection of software engineering lab reports documenting various projects and experiments.

Data Structures & Algorithms

> Templates and implementations of various data structures, algorithms, and problem-solving techniques.

Chess Engine

> A chess engine using the minimax algorithm with alpha-beta pruning for intelligent move selection.

Academic Report Maker

> A Django + React web application for generating academic reports with structured formatting.

Online Judge Problem Solutions

> Solutions to problems from Codeforces, LightOJ, and other online judges, with explanations.

Online Judge Statistics

Codeforces: 500+ problems solved

LightOJ: 300+ problems solved

HackerRank: 100+ problems solved

LeetCode: 150+ problems solved