

# Sudipta Singha Rathi

Software Developer, Machine Learning Enthusiast, DevOps



## About Me

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I'm a 4th-year Computer Science and Engineering student at Jahangirnagar University. I love exploring new technologies and improving my skills. Currently learning Machine Learning, Reinforcement Learning, Data Structures, System Design, Django, and DevOps.

## Education

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- **Jahangirnagar University**  
BSc in Computer Science and Engineering
- **Milestone College**  
HSC in Science
- **Tetaigaon Rashid Uddin High School**  
SSC in Science

## Skills

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


## Projects

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- **JUMCMS:** A web application built with Django to improve medical center operations.
- **Software Engineering Lab Reports:** My software engineering lab reports.
- **Data Structure and Algorithm Implementation:** Templates for data structures and algorithms.
- **Chess Engine:** A simple chess engine using the minimax algorithm and alpha-beta pruning.
- **Academic Report Maker:** A Django+React web application for generating academic reports.
- **Puddle:** Created following a tutorial.
- **Solved Problems on OJ:** Solutions to various problems on online judges.
- **Lightoj Problem Tutorial Contributions:** My contributions to LightOJ problem tutorials.

## Contact

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- **Address:** Jahangirnagar University, Savar, Dhaka
- **Phone:** +8801746-579065, +8801538-153490
- **Email:** [jucse29.408@gmail.com](mailto:jucse29.408@gmail.com) | [rathisudipta99@gmail.com](mailto:rathisudipta99@gmail.com) | [singha.stu2019@juniv.edu](mailto:singha.stu2019@juniv.edu)
- **GitHub:**  [sudiptarathi2020](https://github.com/sudiptarathi2020)