Deba Ghosh

Kolkata, West Bengal, India

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Education

Narula Institute of Technology   *Kolkata, India*

B.Tech in Computer Science and Engineering   *2021 - 2025*
- CGPA/Percentage: **9.2**
- **Courses:** Operating Systems, DBMS, Computer Architecture

Kendriya Vidyalaya   *WB, India*

Higher Secondary   *March 2021*
- CGPA/Percentage: **92%**
- Specialised in Physics, Chemistry, and Maths with Computer Science

Work Experience

House of Dishes   *Remote*

Backend Developer Internship   *Aug 2023 - October 2023*
- Developed an whole API infrastructure containing various endpoints for various tasks keeping the security of the application in mind. Django REST Framework was primarily used to create API.
- Used various functionalities of AWS to meet the needs of application such as S3 buckets, RDBMS, and EC2 instances.
- **Technical Skills:** Django, PostgreSQL, Linux tools, AWS, Git.
- **Soft Skills:** Teamwork, Time Management, Communication.

Projects

RESTless | GitHub   *2022*

Personal Project
- RESTless is a web service built using Django Rest Framework that allows users to retrieve and manage quotes. With just a simple HTTP GET request to the API endpoint, users can obtain a random quote, providing an endless source of inspiration, motivation, or reflection.
- **Technologies Used:** Django, Django Rest Framework, Tailwind.
- Used Django as the Backend of the project, As the database used sqlite3 and Tailwind for frontend.

More on my GitHub

Skills

DSA	Arrays, Strings, Binary Search, LL, Greedy Algos, Graph.
Programming	Python (Django, Flask etc.), C/C++, HTML/CSS, JavaScript, SQL.
Miscellaneous	Linux, Shell (Bash/Zsh), Git, Docker, Kubernetes, Ansible, AWS, GCP, CyberSecurity(VAPT, WAPT).
Soft Skills	Time Management, Teamwork, Problem-solving, Documentation.

Achievements & Certifications

2023	**CS50 Computer Science**, Harvard University
2023	**CS50 Python**, Harvard University

Interests

Cyber Security	I do capture the flags in platforms like HackTheBox, TryHackMe etc. and practice network pentesting with a bit of Active Directory .
DevOps	I try to automate my work as much as possible, CI/CD and tools like Ansible help me in this. .

Languages

English	Professional proficiency
Hindi	Native proficiency
Bengali	Native proficiency

References available upon request.