

# Deba Ghosh

dgclasher.github.io | debaghosh1603@gmail.com | github.com/DGclasher | LinkedIn

## EDUCATION

### NARULA INSTITUTE OF TECHNOLOGY

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

2021 - 2025 | WB, India

GPA till now: 9.1

### KENDRIYA VIDYALAYA

HIGHER SECONDARY WITH CS

2021 | WB, India

Percentage: 91%

## EXPERIENCE

### BACKEND DEVELOPER INTERN | AI CHEF MASTER

Aug 2023 – Nov 2023 | Remote

- Improved the overall codebase, resulting in a more refined user experience for the AI Chef Master application.
- Enhanced the API infrastructure with a focus on diverse tasks and application security.
- Utilized Django REST Framework and AWS services, including S3 buckets, RDBMS, and EC2 instances, to ensure scalability and security.

## PROJECTS

### HEALTHSYNC | AI POWERED CONSULTANCY | LINK

2024

- AI powered health consultancy application.
- Diagnosis using text symptoms and image analysis. Instant meet with doctor using JitSi service.
- Technologies:** Flask, React, MongoDB, Inference API.

### MEDILYNK | HOSPITAL MANAGEMENT SYSTEM | LINK

2023

- Developed Medilynk, a self-hosted Hospital Management System, optimizing patient records, appointments, and billing.
- Containerized deployment using Docker Compose for scalability and management.
- Technologies:** Node.js, React, PostgreSQL, Docker, Prisma ORM.

## SKILLS

### PROGRAMMING

Languages:

Python • C/C++ • JavaScript • Java

Databases:

PostgreSQL • MongoDB • Redis

Frameworks:

Node.js • Django • Flask

### SECURITY

Vulnerability Assessment and Penetration Testing(VAPT) • Web Application

Penetration Testing(WAPT)

### VCS & BUILD TOOLS

Git • Jenkins • Github Actions • Ansible

## CLOUD SERVICES

AWS • GCP • Azure

## SECURITY TOOLS

Burpsuite • NMAP • Metasploit • Wire-shark • Nessus • ParrotOS

## CERTIFICATIONS

- 2023 CS50x CS Harvard University
- 2023 CS50 Python Harvard University

## ACHIEVEMENTS

- Solved **300+** DSA questions on platforms like LeetCode, GeeksForGeeks, Hacker-rank.

## COURSEWORK

OOP Programming

Operating Systems

Computer Networks

Software Engineering

Algorithms and Data Structures

## INTERESTS

Blogs

DevOps

Playing CTF's

Cyber Security

## PROFILES

leetcode.com/DGclasher

HackTheBox/DGclasher

medium.com/DGclasher