

SWARNAVA BISWAS

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Kolkata, India

LinkedIn

Github

PROJECTS

Development of Artificial Chess Playing Bot Using AI Technique (Final Year Group Project)

- Co-developed an AI-based Chess Engine using Negamax with Alpha-Beta Pruning; led the research, logic design, and technical documentation, contributing to evaluation function design and strategy formulation for move prediction.
- Tech Stack - Python, Negamax, AlphaBeta Pruning

GitHub

Optimal Warehouse Locator (Group Hackathon)

- Locates the optimal location for setting up a warehouse for the selected stores in a given city, effectively reducing cost and delivery time by a significant margin.
- Uses integer programming to calculate and optimize the problem based on the given criteria.
- Tech Stack - Python, Flask, HTML, CSS, JavaScript, Data Visualization

GitHub

ChefCraft

- Designed a culinary arts hub where users can explore diverse recipes from various cuisines and learn from renowned chefs
- Aims to discover, create, and elevate their cooking skills with ChefCraft's expert guidance and vibrant community
- Tech Stack - HTML, CSS, JavaScript

GitHub

INTERNSHIP/TRAINING

AICTE Internship at Fortinet (Remote)

01.09.2023 - 01.11.2023

- Learnt new facts and information on the various security and network operations involved and completed tasks and assignments as assigned
- Tech Stack used - Linux, Firewalls, Threat Intelligence

AICTE Internship at PaloAlto Networks (Remote)

01.05.2023 - 01.07.2023

- Gained insights on cybersecurity tasks and built a foundation in cybersecurity
- Tech Stack used - Linux, Firewalls, Network Security, Threat Intelligence

ACADEMIC PROFILE

Degree/Certificate	Institution	Percentage/CGPA	Year
B.Tech	Computer Science Engineering (Techno India University, WB)	8.89	2025
AISSCE	Shri Shikshayatan School	95	2021
AISSE	South Point High School	92	2019

SKILLS

Programming Languages

Python, C++, HTML, C++, SQL

Tools and Technology Used

Linux, Flask, SAP

Areas of Interest

Cybersecurity, Object Oriented Programming, DataBase Management System

CERTIFIED COURSES

Google Cybersecurity	Google Coursera Learner
Google Cloud Career Partitioners Pathway Campaign	Google Cloud GDSC
Cybersecurity Virtual Case Experience	PwC Forage
Network Security Associate Virtual Internship	AICTE Fortinet
Journey to Cloud: Envisioning Your Solution	IBM

HONOURS AND ACHIEVEMENTS

Technothon 2024 Competition @Techno India University	2024
<ul style="list-style-type: none">Awarded the Best Innovative Idea	
CodeKaze 2024 @Coding Ninjas	2024
<ul style="list-style-type: none">Secured All India Rank of 363	
Vibrance Art Contest @ThePoeticEuphony	2020
<ul style="list-style-type: none">Secured 1st position in the Doodling Category	