

POUSHALI CHATTOPADHYAY

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Portfolio | GitHub | LeetCode | LinkedIn

EDUCATION

Hooghly Engineering and Technology College

Computer Science and Engineering Bachelors of Technology

GPA: 9.31

West Bengal, India

November 2020 - July 2024

Calcutta Girls' High School

Science with Computer ICSE, ISC

Percentage: 93.8, 86.2%

West Bengal, India

April 2017 - March 2020

EXPERIENCE

Daimler Truck Innovation Centre India | Consultant

Bengaluru, India | Aug 2025 - Present

As a Cyber Security Engineer in the Software Product Security team at DTICI, I focus on DevSecOps practices at every stage of SDLC, automating processes and implementing Zero Trust architecture. Using scan tools like Blackduck, Trivy, Snyk, and Checkov to identify vulnerabilities and enhance code quality. I also automate security report generation to improve overall security posture with timely remediation.

Codezin Tech. and Sol. Pvt. Ltd. | Software Engineer

Kolkata, India | Feb 2024 - Jul 2024

I built a web application using Django, JavaScript, Bootstrap, and HTML to automate document filling for import and export goods. I developed a custom PDF extraction tool, worked extensively with SQL and PHP for complex queries, and automated processes using Python scripts. Additionally, I integrated Google Vision API and AWS Rekognition into a safety monitoring system for construction workers, ensuring compliance with helmet and life jacket requirements.

College Authority | Website Developer

West Bengal, India | January 2023 - March 2023

I have worked with a team of five upon developing the website for the Technical Fest of our college this year. We have used HTML5, CSS3, JS6 to build the website and the website is deployed through the college domain.

SKILLS

Programming Languages:	Java, Python, Solidity, C++, C, KQL
Libraries/Frameworks:	FastAPI, Django, Flask, Springboot
Tools / Platforms:	Azure, AWS, Git, Blackduck, Snyk, Jupyter
Databases:	SQL, Oracle, PostgreSQL, MongoDB

PROJECTS / OPEN-SOURCE

E-Nirvachan Secured Voting DApp | Link

ReactJS, Solidity

E-Nirvachan is a decentralized Application build to secure the voting system using Blockchain Interaction and Smart Contract- Solidity, Web3 and front-end of the application has ReactJS, Metamask, Ethereum Blockchain Programming. I have worked on the Blockchain part of the project mainly and also, contributed to the application building using ReactJS. (Team of 2)

AudioVibe.ai- Sentiment Analysis of Audio

Python, Flask, ReactJS

Audiovibe.ai is a sentiment analysis platform that evaluates the emotional tone of audio content using a Python-based machine learning model. I am primarily responsible for developing both the ReactJS frontend and integrating the Flask backend to seamlessly process and display sentiment analysis results in real-time. (Team of 4)

CERTIFICATIONS

- Azure Fundamentals : AZ-900 - Microsoft