

Shresht Bhowmick

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Education

Greenwood High International School

IB DIPLOMA IN MATH AA, PHYSICS, DESIGN TECHNOLOGY, ENGLISH, FRENCH, AND BUSINESS MANAGEMENT

Bangalore, India

2014 – 2024

Northeastern University

B.S. IN COMPUTER SCIENCE AND LINGUISTICS

Boston, MA

Sep 2024 – May 2028

Experience

Tetraslam's World Media

FOUNDER, CEO

- Managed web and graphic design projects for 50+ clients.
- Started solo, reaching \$6.5k monthly recurring revenue in 2 years.
- Donated \$15k to the Nikshi Foundation to buy books, tables, and blackboards for underprivileged children.

Bangalore, India

June 2020 – Present

Samantar Labs

SOFTWARE ENGINEERING INTERN

- Researched development frameworks for unintrusive advertising in virtual exhibitions for corporate events.
- Saved \$2500 per month in cloud costs by optimizing SDK usage.

Bangalore, India

June 2022 – December 2022

MyNuk

SOFTWARE ENGINEER

- Rewriting the entire website
- Integrating a payments portal
- Migrating the books catalogue to Supabase
- Writing API endpoints for querying catalogue information
- Redesigning the website
- Rewriting the membership system
- Adding a calendar-based scheduling system for the cowork spaces.

Bangalore, India

May 2024 – Present

RoboCup

TEAM CAPTAIN

- Led team to 1st place in Nationals, represented India in the Bordeaux International Round.
- Recruited 15 students to join the team.
- Designed, built, and programmed 4 robots using Arduino and Raspberry Pi.

Bordeaux, France

December 2022 – July 2023

Programming

Languages: Python (proficient), C (proficient), Assembly (intermediate), Javascript (intermediate)

Cloud: GCP, AWS, Vercel, Netlify, Heroku

Databases: PostgreSQL, Terraform, Firebase, Supabase, MongoDB

Concepts: OOP, Data Structures and Algorithms, Linux, Bash Scripting, Software Design Patterns

Frameworks: FastAPI, HTMX, TailwindCSS, NodeJS, React, Astro, Flask, Django, PyTorch, Tensorflow, Keras, Scikit-learn

Awards

December 2022	Best Paper Award , Urdu sentiment analysis. Full paper available at https://ceur-ws.org/Vol-3395/T4-7.pdf .	Forum for Information Retrieval Evaluation
January 2023	Finalist (top 25 out of 5209) , Submitted app which detects non-textile parts on clothes for automated recycling. Now being used in Bangalore's recycling program.	Blue Ocean Entrepreneurship Contest
August 2023	1st Place , Led my team to a first-place finish in my annual school hackathon's 10-year anniversary.	Synthacks

