

ABHIVIR SINGH

📞 (+91) 9717464700 ✉ [Gmail](#) [LinkedIn](#) [Github](#) [Portfolio](#)

Education

RGIPT Jais, Amethi **Integrated Dual Degree (BTech in CSE + MTech in AI)**

8.04 CPI [🔗](#)

categorised as Institution of National Importance

2022-27 [🔗](#)

St Thomas School, Ghaziabad **Computer Science; Class 12th(2022) CBSE Boards**

[🔗](#)

St Thomas School, Ghaziabad **Computer Science; Class 10th(2020) CBSE Boards**

[🔗](#)

Work Experience

GeeksforGeeks [🔗](#)

Jun 2025 - Aug 2025

Member of Technical Staff Intern

Noida

- Resolved platform bugs and enhanced user experience, improving support response time by 30% using JavaScript and collaborative debugging, exceeding typical intern impact.
- Co-developed new course modules with team members, expanding technical course offerings and boosting student engagement by 25% compared to average platform updates.

Old Skool Labs [🔗](#)

May 2024 - Aug 2024

Full Stack Intern

Remote

- Developed and deployed multiple full-stack e-commerce platforms for corporate clients, focusing on secure payment processing and scalability.
- Engineered and implemented an automated QR code verification system for intern credentialing, cutting manual processing by 70%.

Tata Consultancy and Services [🔗](#)

Jun 2023 - Aug 2023

Research Internship

Remote

- Conducted AI/ML research for telecom sector, applying Python (NumPy, pandas) to improve data analysis accuracy by 15% against conventional benchmarks.
- Enhanced team communication and project documentation, contributing to a 20% faster product iteration cycle compared to comparable research internships.

Projects

- E-Commerce Website using local storage** — [🔗](#) — [🔗](#)
 - Technologies used:** HTML/CSS, JavaScript, NodeJS, MongoDB
 - The primary objective of this project is to design and develop an user-friendly E-commerce platform leveraging JavaScript local storage for cart management to reduce server load and database queries **by 40% before purchase completion**. Ensured mobile-first and WCAG 2.0 AA compliance for broader accessibility, exceeding typical industry practices.
- Resfolio** — [🔗](#) — [🔗](#)
 - Technologies used:** Next.js 15, TypeScript, Tailwind CSS, MongoDB, Framer Motion
 - Designed and implemented an automated data ingestion pipeline that extracts unstructured text from PDFs via LLMs and transforms it into structured JSON schemas stored in MongoDB.
 - Optimized the application infrastructure to handle real-time data parsing and rendering, reducing the end-to-end deployment lifecycle by 95%.
- Roostoo Trading Bot** — [🔗](#)
 - Technologies used:** Python, NextJS, pandas, numpy, yfinance, TA-Lib
 - Developed a robust data processing engine using Python (pandas, NumPy) to ingest real-time market data via APIs and perform vectorized calculations for technical indicators (RSI, MACD).
 - Programmed algorithmic logic for automated decision-making and risk controls, resulting in an 18% improvement in data model accuracy against market benchmarks.

Technical Skills

Languages: Python, Java, C, C++, Assembly Language, JavaScript, Matlab, SQL

Developer Tools: VS Code, Anaconda, Eclipse

Stack: GitHub, MongoDB, HTML/CSS, ReactJS, NextJS, Excel, ProxyMesh, ChromeDriver, Data Structures & Algorithms, TensorFlow/NumPy/OpenCV/PyGame/Selenium/Flask, Google Apps Script (Automation, Google Workspace Integration), Data Analysis and Automation (Excel, AutoCrat)

Softskills: SDLC Knowledge, Leadership, Management, Teamwork, Communication, Creative thinking, Analytical & Problem Solving

Extracurricular Activities

- 2nd Runner up in KodeKurrent 2025 Hackathon (Organized by IEEE-RGIPT) [🔗](#)
- Winner of HackAGeek 2024 Hackathon (Organized by GeeksforGeeks) [🔗](#)
- Runner up in DPBH (Dark Pattern Buster Hackathon) 2023 [🔗](#)
- Worked as a Computer Programming Teaching Assistant at RGIPT
- Worked as a Differential Equations Tutor at RGIPT