Nishant Jha
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Career Objective

Gain hands-on experience in software development and build a strong foundation in coding principles and best practices.

Academic Details

Year(s)	Qualification – Degree	Board/University	Percentage / CGPA
2020-2024	B. Tech in Computer Science Engineering- Specialization in Artificial Intelligence and Machine Learning (AI & ML)	University of Petroleum and Energy Studies	7.56/10
2018-2020	XII	ISC	83 %
2016-2018	X	ICSE	90.2 %
Subject Electives		Artificial Intelligence and Machine Learning, Internet of Things, Entrepreneurship, Robotics	
Technical Proficiency / Skills		Python, Java, HTML, Machine Learning, Selenium, FastAPI, IOT	

Summer Internship / Work Experience

Celebal Technologies | Data Engineering Intern   **Jun 2023- Jul 2023**

As a data engineering intern, I acquired hands-on experience in SQL and Python, delved into object-oriented programming (OOP) concepts, and received invaluable mentorship from industry professionals.

IBM | Project Intern   **Jun 2023- Aug 2023**

Contributed to the development of an industry-level solution, harnessing machine learning to predict house prices by analyzing critical factors like location and square footage. My work aimed to empower data-driven decision-making in the real estate sector.

Prof. (Dr.) Tanupriya Choudhury | Research Intern   **May 2023- Aug 2023**

Completed a three-month Research Internship, demonstrating dedication and diligence in exploring Computer Science and producing a research paper on "Enhancing Visual Accessibility Through AI-Powered Assistive Technologies."

WePlant | Social Intern   **Jun 2021 - Aug 2021**

Interned at an NGO dedicated to combating malnutrition through awareness campaigns and community outreach programs

Projects (Major / Minor)

IBM Project Intern – House Price Prediction (Live Website)   **Jun 2023 - July 2023**

A machine learning model to predict the price of a house based on features such as location and square footage.

Technology Used : Machine Learning(Linear Regression), FastAPI, Python, HTML, CSS, JavaScript

Minor Project II – Blind-Aid using AI   **Jan 2023 - Jun 2023**

A wearable device that updates the human about his/her environment using Computer Vision and Image Detection

Technology Used : Artificial Intelligence(YOLOv8), Computer Vision, RaspberryPi, Python

Celebal Tech Evaluation Project – Password Generator (Live Website)   **Jun 2022 - Jul 2022**

Our team at Celebal developed a Python password generator that produces strong, secure passwords. It's hosted as an API and seamlessly integrated into our website for an intuitive user experience
Technology Used : Python, HTML, CSS, JavaScript, FastAPI

Personal Project : Class Automation   **Aug 2021 - Oct 2021**

Class Automation automatically attends the classes that a user scheduler for the day on Blackboard. It uses Selenium to Web Scrape the Black Board website and attends the scheduled accordingly.

Technology Used : Selenium, OOPS, Python

Accomplishment And Recognition

1) **Volunteered** at *Shamannay Asansol*, where we extended our support to the Covid-19 affected communities by providing over 1150 meals and aiding 5 villages in the Burnpur region of West Bengal with food assistance.
2) **NSS Volunteer** where I have contributed my share for the society by educating the needy student and organizing Blood Donation Camps.
3) **Contributor** in the *GirlScript Summer of Code* as a developer, actively collaborating on open-source projects and leveraging my programming skills to deliver impactful solutions.
4) **Mentor** at Social Winter of Code, a community-driven initiative that fosters open-source development by connecting developers with non-profit organizations, encouraging social impact through coding.
5) **Social Media & Marketing Head** at *UPES Hackathon 4.0 meta,* a mega Hackathon with more than 1200 registrations from all over the world.
6) **Core Member** at *GDSC UPES*, where I had an opportunity to foster young minds by introducing them to new technologies and projects.
7) **Freelancer** as a Video Editor and founder of a small freelance firm Kites Production.
8) Part of two **Dance Crew** in college and has represented the college and my crew various times on stage.
9) **Co-Curricular Activities Captain** (2019-2020) at *St. Patrick's H.S School, Asansol*