



Aditya Verma
Civil Engineering
Indian Institute of Technology Bhubaneswar

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(B.Tech & M.Tech)
Male
DOB: 05/12/1999

EDUCATION

Examination	University/Board	Institute	Year	GPA/%
B.Tech & M.Tech	IIT Bhubaneswar	IIT Bhubaneswar	2018 - 2023	7.70
Intermediate/+2	CBSE	Pragati Sr. Sec. School, Kota	2017	71
Matriculation	CBSE	Sophia Sr. Sec. School, Kota	2015	8.8

PERSONAL PROJECTS

Web Application Projects

[Dec`21 - Present]

Self-Project: "Collection of various web application projects developed using different technologies involved"

- Designed a digital portfolio website with the help of tools such as **HTML**, **CSS** and **Java-script**.
- Developed a **Photo Effect** application which apply various filter effects on image. It was created using **java-script**.
- Developed a **News application**, **Java-script**, **HTML** and **CSS** are incorporated to build the user interface, and news are fetched using the **News API**. The functionality of the voice assistant is given through Alan Studio, the website can be found.
- Designed various Responsive front end projects using **HTML**, **CSS**, **JavaScript**.

Implementation of Tic Tac Toe game

[Feb`21]

Self-Project: "implemented a two player Board Game It has noughts and crosses which are represented as "O" and "X", using python programming language"

- Implemented **Tic Tac Toe** game in **python** using **pygame** module to create game object and integrate sound.
- converted the source code to executable program for window system using **pyinstaller** to avoid dependency issues.

INTERNSHIP

Finance Management Intern | Vardhan Consulting Engineers

[May`21 - July`21]

Intern Project: - "Financial Modelling and Analysis of 50 Flats Housing Project in Gurgaon Haryana IN "

- Understood project finance, different terminologies used in it and revenue models of different sectors
- Prepared detailed financial model and performed the analysis on eligibility of projects for non-recourse debt.
- Analyzed the likelihood of a bank or a financial institution to agree to rise non-recourse debt and private equity for the project based on financial modelling, risk assessment, investment memorandum, CapEx / OpEx break down and revenue analysis etc.

CERTIFICATIONS

C Programming Language | Tech Foundation Track | IB HUBS TALENT ACCELERATOR

[4 Feb`21]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/HAJSXDNLCM"

- Understood programming concepts and terminologies using C consisting of Control flow of the program, Data representation in memory, Data types, Variables, Functions, Call by value / reference, Recursion, Array, Dynamic memory management, Pointers and Structure

Python & OOP Concepts | Tech Foundation Track | IB HUBS TALENT ACCELERATOR

[2 Mar`21]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/VGWSCTARHJ"

- Acquired practical knowledge of modular programming, object-oriented programming constructs and built-in data structures in python by building modular programs with modules, packages, python libraries and third-party libraries for programming assignments

Elementary Data Structures and Algorithms | Tech Foundation Track | IB HUBS TALENT ACCELERATOR

[19 Jan`21]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/CGRVZDDSRB"

- Learned algorithms fundamentals consisting of algorithm analysis, asymptotic notations, searching algorithms, sorting algorithms
- Learned to analyse available algorithms for the target task and make efficient programs using suitable data structures and algorithms

C++ and Foundations of STL | Competitive Programming Track | IB HUBS TALENT ACCELERATOR

[30 Apr`21]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/CCVSGRWVJP"

- Understood basic C++ concepts and use of iterators, templates and standard template library by implementing common data containers.

Responsive website | Full stack Development Track | IB HUBS TALENT ACCELERATOR

[29 Aug`22]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/RBDZSRVTNE"

- Understood the concept of HTML, CSS, and Bootstrap and build some responsive website that appear good in every size of screen.

Dynamic web Application | Full stack Development Track | IB HUBS TALENT ACCELERATOR

[26 Aug`22]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/MPDRTMTXPI"

- Understood the fundamental concept of Java-script and apply them to build dynamic and interactive web Application.

Introduction to Databases | Full stack Development Track | IB HUBS TALENT ACCELERATOR

[29 Aug`22]

Certificate Verification Url: "https://10xiitian.ccbp.in/certificate/KCTFJOQCSK"

- Understood the fundamental concept of database and DBMS and perform powerful queries on databases using SQL.

TECHNICAL SKILLS

Programming language	C C++ Python HTML CSS JavaScript
Technical Knowledge	DBMS Bootstrap React js Data Structures & Algorithms Object Oriented Programming
Software Tools	VS Code Anaconda AutoCAD Staad Pro (Connect Edition V22) Microsoft Office

POSITION OF RESPONSIBILITY

- Core head member | Publicity team, Alma Fiesta** [Jan`19 – Jan`20]
- Managed various fashion shows, grand cultural events, and star nights and coordinated with various cultural academies for the events
- Associate team member | Publicity team, Alma Fiesta** [Aug`18 – Jan`19]
- Conducted computational exam Spardha (2019-21) in various schools all over India and contact student from different college to publicize the fest and motivate student to participate in the fest.
- M-tech Coordinator | Think India, IIT Bhubaneswar** [Dec`21 – Present]
- Build a strong team with social responsibility, dealt with the enquiries from the team, academics and the related organization
 - Organized various events, seminars and talks related to Indian Cultural & Historical Heritage.

SOFT SKILLS & EXTRA CURRICULAR ACTIVITIES

- Organized Health check-up camps, plantation drives, various cleaning drives, and cycle rallies for health awareness and other camps for digitalization at nearby villages as a part of **NSS IIT BBS**
- Achieved 3rd position in District level basketball competition and 1st position in inter school basketball competition.