

VATSAL SINHA

Hazaribagh, Jharkhand | P: +91 8292306556 | vatsalsinha75@gmail.com | [Linkedin](#)

A motivated coder and a tech enthusiast with a background of leadership role, learning and evolving with age. Proficiency in database ,data structure and java. Had been an athlete throughout my life and is currently enjoying the balance between being a tech guy and an athlete within

SKILLS

- Programming languages: Java(Proficient), Python, C++
- Machine Learning: Clustering Classification, Regression
- Frontend: Html Css React
- Data Analysis: Numpy Matplotlib, Pandas
- Database: SQL, MYSQL
- OS: Windows
- Backend: PHP
- Cloud: Azure(Basic)
- Soft Skills: Communication, Leadership.Teamwork

WORK EXPERIENCE

BETIYAN NIDHI PVT LIMITED

Software Web Developer Intern

Ranchi,Jharkhand

May 2022 – Jul 2022

- Developed and implemented performance improvement strategies and plans to promote continuous improvement.
- Learned new skills and applied to daily tasks to improve efficiency and productivity.
- Worked along with team members in order to come up with a smooth overall functioning of the software

EDUCATION

BIRLA INSTITUTE OF TECHNOLOGY MESRA

Ranchi, Jharkhand

Master's in Computer Application

Expected May 2023

Cumulative GPA: 8.79/10.0;

Relevant Coursework: Software Engineering; Operating Systems; Algorithms; Java;

BIRLA INSTITUTE OF TECHNOLOGY MESRA ,Lalpur Extension

Ranchi Jharkhand

Bachelor's in Computer Application

July 2018-May 2021

Cumulative GPA: 8.45/10.0;

Relevant Coursework: Database management System, Java, python Data Structure

S.T. XAVIER'S SCHOOL

All India Senior School Certificate Examination

Percentage: 74.8%

Hazaribagh Jharkhand

Mar 2017- Mar 2018

S.T. XAVIER'S SCHOOL

Secondary School Examination Certificate

Percentage: 93.1%

Hazaribagh Jharkhand

Mar 2015- Mar 2016

PROJECTS

- **Cricket Scorer (Console Based)**

Developed a cricket scoring software that could be used during live cricket scoring. it keeps track of all batsman stats, Bowler stats along with the team score. I used **Oops structures** such as **inheritance, encapsulation** and **abstraction**. The Data is Stored using the Help of an **ARRAYLIST**.

Software used: Eclipse

Language used: Java

- **Twitter Crawler**

Developed a software that would crawl for data from twitter. Implemented using the idea of **Data Scraping**. The software basically gets access to the data with the help of **html tags**. these tags are accessed by the help of **selenium library** of python

Language Used: Python

- **Calories Burnt Prediction**

Developed a software that would be used to count the amount of calories spent during a particular session of workout. Specially useful for all athletes looking to lose fat in the process. Used the dataset **calories.csv** available on kaggle for the implementation.

Language used: Python

CERTIFICATIONS

- Introduction to Object-Oriented Programming with java(Coursera)
- Python Basic(HackerRank)

ROLES AND RESPONSIBILITY

- House Captain of BRITTO house at S.T. Xavier's Hazaribagh
- Vice President at Research and Development Society (BIT Lalpur)

ADDITIONAL

- Represented Hazaribagh in Inter District Cricket Competitions, Also Captaining the team on Multiple Occasions
- INTEREST: Reading Books, Sports
- Languages Known: Fluent in English Hindi, Conversational proficiency in Urdu