



Tushar Bazaz



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Portfolio | Address: 381 Vipin Garden, Dwarka Mor, New Delhi 110059

Education

Indraprastha Institute of Information Technology, Delhi

B.Tech CSSS (Computer Science and Social Science)

2021 – Present

CGPA: 7.02

(till VI th
Semester)

Spring Meadows Public School , Delhi

CBSE, 12th

2020 – 2021

Percentage:

81.6

Spring Meadows Public School , Delhi

CBSE, 10th

2018 – 2019

Percentage:

91.5

Skills

Expertise Area Data Structure and Algorithm , Web Application

Programming Language C++, C, Go, Python, Java, HTML, CSS, MySql

Tools and Technologies Linux , VMware , Figma , SQL Workbench, Canva, Github, Kialo, Zotero

Technical Electives Data Structures and Algorithms, Analysis and Design of Algorithms, Computer Organization, Operating system, Information Retrieval, Database Management Systems, Computer Organisation

Experiences

H-chacha enterprises private limited

Independent

Facilitated website development for the startup.
And Helped in the first Delivery

(May,24 - Present)

Team size - 4

Department of Computational Biology

Guide: Dr Vibhor Kumar

Implemented scripts for mutation pattern detection in VCF files and k-mer analysis in FASTQ files, enhancing efficiency by 30%.
Analyzed genomic data isolating critical mutations in significant regions and establishing k-mer frequency benchmarks.

(August,23- Present)

Team size - 2

Distributed Computing and Learning Lab (Research)

Guide: Dr. Bappi Chatterjee

Developed mathematical models and coding algorithms, achieving a 20% improvement in data processing efficiency.

(May,23 - July, 23)

Team Size - 5

Projects

Mind Unlocked

Professor: Rajiv Ratan Shah

A UI over Figma. A prototype for an App "mind-unlocked" focused on mental health.

(Feb,22 – May, 22)

Team Size-5

Retail Shop Website

Professor: Vikram Goel

Developed a retail shop website using Python and MySQL.

Integrated features for inventory management and customer interaction.

Streamlined business operations and increased Website retention rate by 25%.

(Jan,23 – April,23)

Team Size-2

Tank-Game

Independent

Developed a Java-based game, cloning the popular Tank Stars available on the Play Store, using LibGDX.

Completed the project within 3 months, enhancing coding skills and game development knowledge.

(Oct, 22 – Dec, 22)

Team Size-2

Positions of Responsibility

- Finnexia - Content team Head
- Mic Drop - Events /PR TEAM Head / Instagram Handle
- Student Senate - Outreach Team

(Oct,22- Jan,23)

(Feb,22- July,24)

(April,22 - April,23)

Awards and Achievements

- **Deans Academic Excellence Award IIITD 2024** - (Given to one or two student in a branch with excellent academic performance in an academic year)
- **Expert** on [Codeforces](#) (1600+)
- **Knight** (1863) on [Leetcode](#) (top 5% leetcode users)
- Achieved **1003** rank in Leetcode weekly-contest-404
- Achieved **770** rank in Leetcode biweekly-contest-133
- Achieved Rank 1196 on Educational Codeforces Round 164
- Achieved Global Rank 95 on codechef [STARTERS 141D](#) (Reached 3 stars in first contest)
- **360+** days streak on [Codeforces](#), **200+** days streak on [Gfg](#)
- Solved **1600+** Questions (**800+** Codeforces , **300+** Leetcode , **200+** Gfg, **100+** CSES, **100+** Coding ninja, **100+** Atcoder)

Interests and Hobbies

- Watching Movies
- Drawing/ Painting

Declaration: The above information is correct to the best of my knowledge.

Tushar Bazaz

Date: Jan 12, 2024