

ANKIT SHARMA

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AIT, Dighi Hills, Pune, Maharashtra



EDUCATION

YEAR	DEGREE	INSTITUTE	%/GPA
2019 - Present	BE in Computer Engineering	Army Institute of Technology, Pune	9.02 SGPA (Sem. 1 - 6)

PROJECTS

- **CodeCaker Editor:** [\(Link\)](#)
 - Created a code editor that can be helpful for Competitive Programmers. Implemented **Auto-Completion** feature using the **Trie Data Structure**. Added functionality to Parse input-output from Codeforces to a local system using **BeautifulSoup (Web Scraping)**. Also added functionality for Auto Submit using **Selenium Driver**.
 - Used: **Python, Tkinter, OOP**.
- **Path Finding Visualizer:** [\(Link\)](#)
 - Visualizations of different traversal and path-finding algorithms like **Dijkstra, A*, DFS, and BFS**.
 - Added a feature of generating a random maze, and implemented a maze solver using **backtracking**.
 - Used: **HTML, CSS and JavaScript**.
- **Stress - Tester:** [\(Link\)](#)
 - Created a tool helpful for **stress testing code** during competitive programming contests.
 - It takes 2 codes as input, generates test cases, runs the codes using **OS System Calls**, and compares outputs.

HONOURS AND ACHIEVEMENTS

Certificates [\(Click\)](#)

- **Expert** on Codeforces (max. rating **1830**), among the **top 0.5%** of active Indian coders.
- **5 Star** on Codechef, Secured **29th Global Rank** in September Lunchtime Div 2, **31st Rank** in SPYBITS IIT BHU Div 2.
- ACM ICPC Regionalist. Secured **67th Rank** in **ACM ICPC Kanpur - Mathura 2020**.
- Secured **119th Indian Rank** in **Google Codejam Round 1**, and qualified for Google **CodeJam Round 2 2021**.
- **2nd Rank** in World Programming Championship organized by Techfest, IIT Bombay.
- **Finalist** at **Walmart SparkTech Showcase**, among top 3 teams from 450+ teams all across India.
- Qualified for Level 2 in **Flipkart's GRiD 3.0**, was among the top 440 teams all over India out of 85000+ teams, and Secured a **Summer Internship offer from Flipkart**.
- Finalist at **Code Gladiators 2021** organized by TechGig.
- **Knight** on Leetcode (max. rating 1953). **Solved 2000+ problems** on platforms including Codeforces, Leetcode, and GFG.
- Secured various positions in Inter and Intra college-level coding and aptitude competitions such as - Codered (*Rank 1*), Bug off (*Rank 3*), SudoApti (*Rank 5*), GFG Triple Threat Contest (*Rank 43*), etc.

EXPERIENCE

INTERNSHIP

- **Problem Setter Internship** at **Coding Ninjas** (Mar 2022 - Apr 2022)
Created and tested Competitive Programming problems for the **CodeStudio** platform.
- **Teaching Assistant Internship** at **GeeksforGeeks** (Apr 2022 - May 2022)
Solved 300+ Doubts related to Data Structures and Algorithms, and organized DSA contests.

LEADERSHIP

- **Codechef AIT Campus Chapter Lead.** (2021 - 2022)
Organize Lectures, Seminars, and Contests related to Competitive Programming.
- **Joint Secretary** at AIT Competitive Coding Club. (2020 - 2021)
Taught Data Structures and Algorithms to juniors and helped in organizing offline coding contests college level.

SKILLS AND TECHNOLOGIES

- Data Structures Algorithms C++ OOP Python DBMS Java (Basics) HTML CSS JS ReactJS