304 SN BOSS, AIT, Dighi,   8924003638

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EDUCATION

Year	Degree	Institute	% / GPA
2016-2017	10th Grade	K V New Cantt Allahabad	**9.4 CGPA**
2018-2019	12th Grade	K V New Cantt Allahabad	**86.3 %**
2020-2024	B.E. in Electronic and Telecommunication Engineering	Army Institute of Technology, Pune	**9.30 SGPA (1st year)**

SKILLS AND TECHNOLOGIES

- Languages: **C++, C, Java (Basics), MySQL (Basics)**

- Subjects: Data Structures, Algorithms, Operating Systems, DBMS, Computer Networks and OOPs.

PROJECTS

1. **Quiz app with timer.**
   Using Html, CSS, JavaScript.

2. **Bank management system in C++.**
   Implement bank system like: Account management, Withdraw amount, Balance enquiry, List of all account.

3. *COLLEGE WEBSITE(SOLUTIONS)*
   WEBSITE CREATED WITH HTML CSS JAVASCRIPT.
   LINK: **Solutions 2021 (solutions21.in)**
   Work on Frontend part of website.

Knowledge of advance data structure and algorithms

- **Data Structures:** Fenwick Tree, DSU, Tries, Sparse Table, BST, AVL Tree, Segment Tree, Merge Sort Tree etc.

- **Algorithms:** Searching, Sorting, Dijkstra, Prims, Kruskal, Strongly Connected Components, Sqrt-Decomposition, Heavy Light Decomposition, Mo's Algorithm, Cycle detection, Bridge Finding, Topological.

HONORS AND ACHIEVEMENTS

1. Hacker rank 4 star in problem solving.
2. Awarded with the prime minister scholarship scheme **(PMSS)** based on merit.
3. Runner up in Intra college Table Tennis competition.

LEADERSHIP AND EXPERIENCE

1. *Jt.* sec of (Technical board and NSS club)
2. National Service Scheme (NSS) member of Army Institute of Technology (2020-2021)
3. Event head of CodeRed, Debugging and Reverse Coding (2021-2022)

INTERESTS

- Solving problems. Learning new Data Structures and Algorithms. Competitive Programming.