

Raj Valand

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WebPage:

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Codechef: rajz_timba

EDUCATION

R.N.G.P.I.T BARDOLI,

B.Tech, Computer Engineering

Class of 2016 | Surat, India

CGPA : 8.98

Department Rank: 4

S.S.S.M SCHOOL, BARDOLI

Class of 2014 | Surat, India

GHSEB (2014): 91.4 PR

GHSEB (2012): 98.81 PR

SKILLS

C | C++ | Java | Python | JavaScript | SQL |
MongoDb | Web development | Data
Structures and Algorithms | Block-Chain |
Leadership | Problem Solving

PUBLICATION

BLOCKCHAIN TECHNOLOGY AND IT' APPLICATION IN NGO

ID: IJRASET26188

Paper shows fundamentals of BlockChain
technology and how it is beneficial in Non-
governmental Organization.

ARTIFICIAL INTELLIGENCE IN AGRICULTURE

ID: IJRASET27182

Provide a solution in agriculture sector
using AI to make it efficient and reduce
cost.

ONLINE COURSES

Certified: Machine Learning by
Stanford University on Coursera

Certified: IBM BlockChain essentials V2
ID:
d20100dc7d4443a08dd8a1f1a92fad8e

EXPERIENCE

TUTOR AT SIDDHPURIYA CLASSES,BARDOLI

(MAR- JULY,2016 - MAR-JULY, 2018)

- Tutored more than 20 science students per year and prepare them for GHSEB final examination.
- Helped half of the student to achieve first class and passing class for remaining students.

ASST. GENERAL SECRETARY OF RNGPIT BARDOLI

(JUNE 2017 - JULY 2017)

- Responsible for leading the students union.
- Manage Technical and Non-technical events held at Visvesmruti techfest organized by RNGPIT.

PROJECTS

NGO DATA PROTECTION USING BLOCK-CHAIN TECHNOLOGY

- Develop a system which provides end to end transparency and security.
- Use React js for front end , Mongo db and JSON as backend.
- Lead team of 4 and end up in top 3 among 18 teams.

TIC-TAC-TOE

- Create a simple Tic-Tac-Toe game using JavaScript.
- Use minimax algorithm to make unbeatable AI.

PYTHON MINI-PROJECTS

- Mastermind: Implemented classic arcade game in PyGame framework
- Connect 4: Developed Connect 4 in PyGame using Artificial Intelligence
- Zip Password Cracker: Created zip file password cracker using brute force

ACHIEVEMENTS

COMPETITIVE CODING

2020 Rank: 10
2020 Rank: 44
2020 Rank: 49
2020 Rank: 131

2020 Rank: 2516

2020 Rank: 2204

Code Monk by RNGPIT
Hack-overflow by Masai School
The-Algo-Way 1.0
Code-Contest 2
October Long challenge
Codechef(Total: 19408)
Hackfest2020 by Hackerrank
(Total: 6944)

INSTITUTE TOPPER WITH 9.67 CGPA [4 th sem] 2018 | RNGPIT

INSTITUTE RANK 10 IN CPI 2020 | RNGPIT

1ST PRIZE IN PAPER PRESENTATION TECHFEST 2019 | RNGPIT

1ST PRIZE IN PROGRAMMING DATE TECHFEST 2019 | RNGPIT

2ND PRIZE IN PROGRAMMING DATE TECHFEST 2020 | RNGPIT