

Sainath Batthala

Education

2009 - 2010	Secondary, Sarojini High School, Proddatur, 96%.
2010 - 2012	Sri Chaitanya Junior College, Hyderabad, 97.4%.
2012 -	Indian Institute of Technology, Indore, 8.1 till now.

Research Projects

Deep Web	To deploy and analyze performance of various web services on Anonymous TOR Network. Currently working on this project Along with two of my classmates.
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Academic Projects

OpticalFilters	In this project we simulated experimental data of an Interference Experiment and calculated various optical constants of thin film. We also formulated a method to design Optical filters with Specific Optical constants - Matlab
ShortCut	A game based on Dijkstra and Bellman-Ford Shortest path algorithms -HTML, CSS, JavaScript(for Graphics using Raphael.js library)
FastFlight	An online flight booking portal - Python(using FlaskFramework), sqlalchemy, Jinja2 Engine
ACO	We tried to solve Travelling Salesman Problem using Ant Colony Heuristics. -Java and Java Swing Framework for Graphics

Competitive Programming

Software Development and Competitive Programming are my major interests and most of my free time goes to them.

Codechef I solved nearly 275 problems on codechef and ranked below 600 and 1st in my batch in both short and long contest formats.

Handle : sainath_b

Codeforces Maximum Rating 1687 (Expert)

Handle : sainath_iiti

StartUps

Chota Hospital In my 5th Semester, I worked in a StartUp called Chota Hospital led by my friends Anmol and Vikram and Helping them in Technical aspects.

Fun Projects

Save Session can save present Firefox session permanently and open at any time later.(based on sessionstore.js file in firefox bundle)

-Python

TypCPP Developed a Typing based Game which helps to improve your C++ typing ability

- Python, Pygame Library for Graphics

TicTacToe Developed a TicTacToe bot based on self designed AI Algorithm.

- HTML, CSS, JavaScript

SkillSet

Languages C++ (Expert), Java, Python (Moderate)

WebTech HTML, CSS, JavaScript, Ajax

Graphics SFML Library, Pygame, Raphael.js

Positions of Responsibilities

Head, Programming Club, IIT indore.

Head, Codechef Campus Chapter, IIT Indore

CSE Representative, Placement Cell, IIT Indore

CSE Senator, Student Gymkhana, IIT Indore

Contact Information

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