

# Shantanu Srivastava

B.Tech Mining Machinery Engineering.- IIT, Dhanbad



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## EXPERIENCE

### Coding Instructor-Alright Coders

Sept.2020-Nov.2020

- Delivering well-documented and stable code using appropriate data structures and algorithms.
- Performing online answering of programming questions posted by school/college students.
- Explore skills related to programming as well as theoretical subjects in computer science.
- Skills : Data Structures and Algorithms | Problem Solving | C++ | Java | Python.

## PROJECTS

### Job Portal ( <https://preregplace.com/> )

July.2020-Sept.2020

- > Build the backend of the job portal site from scratch
- > Implemented advanced filtering of jobs based on location using Geolocation API.
- > Features added : Google maps , email verification , password reset , candidate and employer profile/dashboard , weekly email notifications of relevant jobs etc.
- > Skills: Php | Laravel | Javascript | SQL | API .
- > <https://github.com/anshved/preregplace>

### Web Chat App

Dec.2020-Present

- > Build a real time web chat application with social authentication and Private and Group Chat Functionalities using socket IO real time application framework.
- > Skills: NodeJS | SocketIO | MongoDB | Express .
- > <https://github.com/shan1406/chatapp>

### Dynamic Website / Blog Site

April.2020-May.2020

- > Implemented Role based functionalities ,advanced filtering of posts, blog categories along with a super user admin dashboard for overall monitoring of the website.
- > Skills: PHP | MYSQL | Javascript | JQuery | Bootstrap.
- > <https://github.com/shan1406/blog-site>

### Differential Privacy In Machine Learning

Dec.2019

- > Implemented a differentially private Machine Learning Algorithm, Enhanced security is provided of private and sensitive data and relationship between learning and security is examined.
- > Skills - Python | numpy .

## EDUCATION

### Indian Institute of Technology (ISM), Dhanbad — B.Tech Mining Machinery Engineering.

JULY 2018 - MAY 2022 CGPA – 8.32

### St Joseph Convent School, Varanasi

12th - APRIL 2016 - APRIL 2017 - 96.60%

10th - APRIL 2014 - APRIL 2015 - 94.67%

## COMPETITIVE PROGRAMMING

- Codeforces Rating :1823(Expert)  
<https://codeforces.com/profile/shan1406>
- Codechef Rating : 1818(Div 1)  
<https://www.codechef.com/users/shaan14>
- Hackerrank : Gold badge in problem solving.

## ACHIEVEMENTS

- Prepytes Coding Challenge, Rank-1 (Gold Medal).
- National Engineering Olympiad 3.0, Finale Round.
- Geeks for geeks coding challenge , Rank-153.
- School Topper, 2nd rank in district ISC Board Class-12th, highest marks in maths and chemistry.
- Certificate Of Appreciation, Class-10 St. Joseph Convent School (merit list class 10th).

## SKILLS

- Strong : C,C++, Java , SQL ,Data Structures ,Algorithms.
- Intermediate : Python ,Php , Laravel.
- Beginner : HTML, CSS, JavaScript,NodeJS.
- Programming Environment : VS Code,Sublime Text.

## POSITIONS OF RESPONSIBILITY

- Organizer of Harmony(Battle of Bands) in Srijan 2020.
- Member of Event Management Team in Manthan (music society of IIT(ISM) Dhanbad).

## EXTRACURRICULARS

- Guitarist in Manthan(music society of IIT(ISM) Dhanbad).
- Hobbies : Playing guitar , Playing Tennis , Listening Music.