

OM ASHISH SONI

BTech in Computer Engineering (2020 - 2024)

Codeforces : [om_ashish_soni \(Expert 1656 max\)](#)

Codechef : [om_ashish_soni \(5 ★★★★★★ 2041 max , Top 0.7 %\)](#)

Leetcode : [Om_Ashish_Soni \(Guardian 2178 max , Top 1 %\)](#)

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WORK EXPERIENCE

SWE Intern at [MasterCard](#)

Vadodara, Gujarat , May 2023- Present

- Working as part of the **MDES team**.
- Building an **optimized and scalable solution** of an **Automated Data Migration** which **migrates data from one region to another** and **migrates databases from monolithic to microservices architecture**.
- Utilizing **Oracle Golden Gate** for **Database Replication** to **synchronize source** and **target database**.
- Worked on **Oracle cloud database, JAVA, Spring Boot, JDBC**.

SDE Intern at [Simulas](#)

Ahmedabad, Gujarat , May 2022 - July 2022

- Team Leader** of **database migration team from raw data to MongoDB cloud**.
- Improved the system** by **11 %** by Solving **30 Bugs** in the **Auto Report Generating System**.
- Worked on **REST** api, **AWS S3** , **Node**, **Express** , **EJS** and **JWT**.
- Proficient Utilization of **MongoDB** for **aggregation, lookups**.

VOLUNTEER EXPERIENCE

Campus ambassador of [TCS](#)

Ahmedabad, Gujarat , Jun 2022 - May 2023

- Supporting students of Dharmsinh Desai University to apply and land a career in TCS**.

President of [Codechef DDU chapter](#)

Nadiad, Gujarat , July 2022 - Present

- Guided 100+ students** on competitive programming, **taught concepts of DSA , C++ STL** to **80+ students**. **Hosted a series of contests on** competitive programming.

PROJECTS

Competitive Coding Hub (Web, Android, IOS) : [Source Code](#)

- Tech : MongoDB, Angular, Node , Express, Flutter, JWT , ACE lib**
- Competitive programming** and **DSA** practice software providing **compile-run** and **submit solutions** in **C++**, **Python**, **JS**, support for creating **backup of solutions** and **contributing new problems** to improve their problem solving.
- IDE** support, Tagwise and difficulty wise practice .

Network Graph Visualizer (Web) : [Source Code](#) , [Try Live](#)

- Tech : SVG, JQuery , JavaScript**
- Interactive Heuristic solution** to **visualize** and download **graphs**, showcasing circular nodes and edges. with **real-time updates** and **synchronizing visualizations** with **dynamic input modifications**.

Student GPA Predictor (Web) : [Source Code](#) , [Try Live](#)

- Tech : Linear Regression, Python , Numpy , Pytorch**
- Building a **model** that **predicts a student's SPI (GPA)** based on their internal exam marks. The model is created from scratch using **linear regression** with **Gradient Descent algorithm**.

EDUCATION

Dharmsinh Desai University

- May 2020 - May 2024 | Nadiad
- B.Tech. - Computer Engineering (3rd Year)**
- CPI : 9.55 / 10.0**

Shree R.G. Pandya HighSchool

- 2018 -2020 | Dabhoi
- HSC - (11 - 12) Sci 88 %

Shree M.H. Dayaram Sharda Mandir

- 2006 - 2018 | Dabhoi
- SSC - 95.17 %**

ACHIEVEMENTS

[Google Code Jam to IO India rank 197 \(Top 8 %\)](#)

[Google kickstart Global Rank 530 \(Top 4.3 % \)](#)

[Global Rank 9 in Hackerearth April Easy Contest](#)

[India Rank 11 , in Atcoder Beginner 300](#)

[India Rank 19 , in Toyota Programming Contest](#)

[India Rank 24 in AtCoder Regular 152](#)

[India rank 27, in AtCoder beginner 276](#)

[Global Rank 64 , in Codechef starters 43B](#)

[Global Rank 288, Codeforces 832 \(Top 0.8%\)](#)

SKILLS

- Core Skills :
 - Competitive programming, OOP, DBMS, Software engineering
- Programming Languages :
 - Java** , JavaScript, Python
- Database :
 - Oracle, MySQL, MongoDB, FireBase**
- Web & Software Development :
 - Spring Boot** , **Spring MVC**, **Node** , **Express** , React , Angular
- Tools :
 - GCP Google Cloud**, **Docker**, **AWS S3**, **Git**, **BitBucket**, **GitLab**, **PostMan**