SHUBHAM TIWARI

Senior Student & Developer (3 Star Coder)

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EDUCATION

Bachelor of Technology in Computer Science
Guru Gobind Singh Indraprastha University

📅 2017 – 2021   📍 CGPA - 8.561

Senior Secondary Education (CBSE)
Presidency School, Bhiwadi

📅 2015 – 2016   📍 Percentage - 80.6

Senior Secondary Education (CBSE)
Presidency School, Bhiwadi

📅 2013 – 2014   📍 CGPA - 8.8

EXPERIENCE

Mentor at The-Uplift-Project
GirlScript Foundation

📅 April 2020 – Ongoing   📍 From Home

- Serving as Mentor in Tech-stack of Data-Structures and Algorithms, (DSA).
- Leading a team of 25 participants, in the development and implementation.
- Delegating task to 25 participants of team, and providing counselling on all aspects of project.
- Supervise the assessment of all the learning materials in order to ensure better learning of participants.

Teaching Assistant Intern
PepCoding Pvt Lmt

📅 December 2019 – April 2020   📍 Pitampura, New Delhi

- Worked as a Teaching Assistant for the Foundation course on Data Structures and Algorithms.
- Improved my Programming & Debugging skills during this internship.
- Helped students in their learning path, by resolving their doubts and providing them elite learning content.
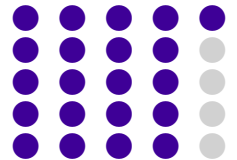

LANGUAGES

English
Hindi

TECHNICAL SKILLS

Java
C++
HTML & CSS
JavaScript
SQL

Data-Structures Object Oriented Programming
Database Management System Algorithms
Desktop Applications

PROJECTS

Simple Code Editor

💼 Personal Project   📍 1 Weeks

- A simple and user friendly code editor, supporting number of languages.
- Integrated with monaco editor and X-term.
- Built with same technology as of VsCode editor by Microsoft.

WorkSpace Desktop Application

💼 Personal Project   📍 2 Weeks

- A Desktop Application to work with spreadsheets, similar to MS-Excel.
- Includes various features, like applying arithmetic formula among cells, options for New, Open, Save file and also various styling options are allowed.

B-Tree Query Optimisation

💼 Personal Project   📍 1 Weeks

- Implementing the DBMS concept of indexing, into normal file system.
- Stores thousands of data-records in simple text files, and applies Non-Clustered indexing over them, using B-Tree.
- reduces the number of disc operations and searching time for data records in file systems.