SHUDDHATM CHOUDHARY

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▶ EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA , SURATHKAL   July 2018 - Current
B.tech in Computer Science & Engineering ; CGPA : 9.17/10.0

INDORE PUBLIC SCHOOL   Apr. 2016 - Apr. 2018
12th Grade CBSE Board : 93.40%

▶ WORK EXPERIENCE

Oracle · *Applications Developer Intern*   May 2021 - July 2021
Worked on building a functional **chatbot** using **Oracle Digital Assistant** platform which make conversations to the user in response to queries and perform variety of tasks.
→**Technologies** : Oracle Digital Assistant, Javascript, Nodejs

▶ TECHNICAL SKILLS

PROGRAMMING LANGUAGES: C, C++, Python, PHP, Javascript, Java (Beginner)
TOOLS,TECHNOLOGIES AND FRAMEWORKS: MYSQL, Bootstrap, Git, C++STL, HTML/CSS, Nodejs, Django, Docker
COURSES: Data Structures and Algorithms, Design and Analysis of Algorithms, Operating Systems, Database Management System, Linear Algebra

▶ PROJECTS

VIDEO CONFERENCING TOOL USING WEBRTC   July 2020 - Dec. 2020
→**Technologies** : Javascript, Django, Django-channels library, Docker
- Worked on building a video conferencing tool which provides features such as Video Calling, Screen Share, Collaborative Whiteboard
- Used WebRTC API's and Networking Protocols such as ICE, Session Description Protocol to develop Peer to peer architecture
- Django-channels was used on backend to implement Signaling Server and WebSockets.
- Integrated with Docker for effective Version Control and Code Management using Virtualization

HOSTEL ONLINE SERVICE MANAGEMENT SYSTEM   Jan. 2020 - Apr. 2020
→**Technologies** : HTML/CSS, Bootstrap, PHP, MySQL
- Developed a Web Application to provide hassle-free and effective user experience for all customers and service providers.
- Customer Can register service request and can get records in form of request ID
- Service Provider can assign Technician to the request for which receipt is received by both customer and service provider
- Provides Transparent Workflow and effective Communication between all Entities.

VPAD TEXT EDITOR   May 2020 - July 2020
→**Technologies**: Python, Tkinter GUI (Python)
- Developed a text editor which Provides functionalities such as Edit, View, Save, Changing Fonts, Themes, Colors, Search and Replace.
- Additional functionality includes conversion of a text file to handwritten style PDF file

FLAPPY BIRD CLONE   June 2019 - July 2019
→**Technologies**- Python, Pygame Library
- Built Flappy Bird clone using Pygame Library. Designed and implemented game character and mechanics by scratch.
- Implemented some extra features like pause page, and increasing difficulty level

▶ ACHIEVEMENTS

- Secured *1715* rank in JEE Mains out of approx 12 lakh candidates
- Secured *6772* rank in JEE Advanced out of approx 1.5 lakh candidates
- Codeforces: Max Rating: 1616 (Expert)
- Codechef: Max Rating: 1836 (4 Stars)

▶ EXTRACURRICULAR

- Executive Member at ACM NITK Student Chapter
- Mentored 20 students (Competitive Programming) as part of ACM NITK Summer Mentorship Programme
- Content Writing Internship (Physics) at Gradeup Ltd.
- Content Writing Internship (JEE) at Mathongo
- Placed First at Intra School Science Competition for modelling a hydro-powered city