SHUBH BANSAL

Sport Programmer | Web Developer | Quantum Computing Enthusiast

@ 00shubhbansal@gmail.com ☎ +919717593233 📍 New Delhi, India 🌐 proramlogo.github.io
</> CODEFORCES - proram(EXPERT) </> CODECHEF - proram(4 STAR) in proram ⌗ proRamLOGO

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER INTERN
Deutsche Telekom

📅 August 2021 – Present 📍 Delhi, India

Working on microservices architecture based backend in Java Spring Boot framework.

SOFTWARE ENGINEER INTERN
Wizork

📅 Oct. 2020 – Dec. 2020 📍 Remote

• Implemented solutions to upgrade multi-lingual support for a web-based live teaching platform.

• Worked on React.Js based web application. Upgraded the Login process flow and User Interface to support double ID authentication for users.

• Implemented a new website from scratch as a part of team using the Bootstrap framework. Optimized performance of the webpages using the LightHouse tool.

TEACHING ASSISTANT INTERN
Coding Blocks

📅 March 2019 – Jan. 2020 📍 Delhi, India

Worked as a Teaching Assistant for Data Structures and Algorithms in C++ course. Solved doubts of the 200+ students enrolled in online and classroom courses and took a few doubt classroom classes.

TRAINER (Contract Based)
Kyrion Technologies Pvt. Ltd.

📅 June 2019 – Aug. 2019 📍 Delhi, India

Mentored 300+ students in C/C++ and Python Programming Languages. Delivered two 2-Day workshops in IIT Madras and in Kolkata on Python. All the students appeared for and passed MTA(Python) HPE(C/C++) Certification Examination with an average score of 91%.

TECHNICAL SKILLS

C++, Python, Java, Javascript, Algorithms, Data Structures, OOP, React.js, Git, Terminal, Qiskit, SQL, SpringBoot, Microservices

POSITIONS OF RESPONSIBILITY

- **Mentored 900+ students live in every session with 3000+ registered scholars** for 7 days in Data Structures and Algorithms at **GirlScript Foundation's** Education Outreach Scholarship Scheme.
- Mentor at **CrossWoC(Open Source)** and **UAceIt(ReactJs)**.
- **IOSD MAIT — Vice President | CP & DSA Mentor**
- **DotC MAIT — Problem Setter & Mentor | Core Team Member**
- **IEEE MAIT — Problem Setter | Graphic Designer | Core Team Member**

ACHIEVEMENTS

- Selected for The Coding School's IBM-MIT Quantum Computing Fellowship
- Foundational Badge - IBM Quantum Challenge
- Certificate of Quantum Excellence from the 2021 Qiskit Global Summer School on QML
- Infosys Certified Programmer
- Rank 1524 / 8100 - Google Kickstart 2020
- 13th National Rank — IEEEXtreme 13.0, 2019
- 203 / 13849 Global Rank — Codechef Monthly LONG Challenge, February 2020

EDUCATION

**Bachelor of Technology
(Computer Science and Engineering)**
Guru Gobind Singh Indraprsatha University

📅 2018-2022 📍 Delhi

- CGPA: **7.9**

Rukmini Devi Public School | C.B.S.E.

📅 2006-2018 📍 Delhi

- AISSCE (CLASS XII): **86.4%**
- AISSE (CLASS X) C.G.P.A.: **8.0**

PROJECTS

Whatsapp Backup Parser — React.js

- Webapp to provide Whatsapp interface for exported Whatsapp conversations saved in .txt format. Supports hyperlinks and typographical emphasis such as bold and italic. Added features such as dark mode, fullscreen mode and screenshot capture.

MATES Warriors — React.js, Chakra UI, Firebase

- Solution to help Corona victims and related in their search of resources such as Blood, Plasma, Oxygen by showing them verified listings of the latter.

Seam Carver — Python

- Implemented Seam Carving technique for content aware image resizing. Added GUI using Tkinter.

AutoMAIL — Python3

- Generates and sends personalized certificates in PDF format over email. Requires a template certificate and list of recipient email address in a csv file.

TALKS/TUTORIALS

- Intro. to Quantum Computing at Skillfest, **IEEE MAIT.**
- Setting up VSCode on MacOS for Competitive Programming - **YouTube(9000+ views)**