

SHUBH BANSAL

Sport Programmer | Web Developer | Quantum Computing Enthusiast

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</> 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/C++, Python, Java, Javascript, Algorithms, Data Structures, OOPs, React.js, Gatsby.js, Git, Terminal, Qiskit, SQL

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 UAcelt(ReactJs).
- IOSD MAIT – CP & DSA Mentor | Core Team Member
- 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
- Infosys Certified Programmer
- Rank 1524 / 8100 - Google Kickstart 2020
- 13th National Rank – IEEEExtreme 13.0, 2019
- 203 / 13849 Global Rank – Codechef Monthly LONG Challenge, February 2020

EDUCATION

Bachelor of Technology
(Computer Science and Engineering)

Guru Gobind Singh Indraprastha University

📅 2018-2022 📍 Delhi

- CGPA: 7.3

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

📅 2006-2018 📍 Delhi

- AISSCE (CLASS XII): 90.7%
- 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 to program using Tkinter. Takes an image and resizes it.

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

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