Ravinder Chauhan

Creative | Passionate | Determined

Want to expand my knowledge and use it to overcome challenges and make things simpler, easier and better for people.

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Chandigarh, India 📍

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EDUCATION

B. Tech in Computer Science and Engineering
Chandigarh Engineering College
05/2016 – 06/2020   *Mohali*

Class - XII
Guru Nanak Mission Public School
04/2015 – 03/2016   *Paonta Sahib*

PERSONAL PROJECTS

Maths Buddy (05/2018 – 06/2018)
- A tool that provides different features that helps you solve your maths issues.
- Performs scientific calculations, solves equations and generate required series and graphs.

Kommunikate (05/2019 – 06/2019)
- Built an Android application that helps the disable people to communicate with their friends, relatives.
- This application helps to convert the signs to the text and vice versa.

Dynamo Puzzle (04/2017 – 04/2017)
- A fun and learn puzzle game to increase the mental ability of a person.
- Used graphics build the game and file handling to track the high score of a person.

WORK EXPERIENCE

Software Development Engineer Inter
AMAZON
01/2020 – 06/2020   *Bengaluru*

MOP Backfill for AMZL
- Wrote an ETL Job to backfill the required data for certain dates.
- The job ran on AWS EMR triggered by AWS Datapipeline.
- Apache spark was used to handle the big dataframes.

Thoros Update Tag_Group_Metrics
- Fixed the Job which was failing even after running for 20 hours.
- Figured out the problem and fixed the issue by running it for incremental data and using table partitioning in the database.

SKILLS

C++   Java   Scala   Apache Spark

Data Structures   Git   Database(MySQL)

AWS EMR   AWS Datapipeline   Android

ACHIEVEMENTS

Silver Zone Olympiad (2016 – 2016)
Ranked 1st at State Level and 174th at International Level in school.

Appathon, Chandigarh University (2018)
Won third prize in designing an android application within six hours

Coding events at college (2016 – 2020)
Won numerous competitions at college that involved solving problems and debugging codes.

Punjab Start-Up Yatra (2018)
Won third prize in designing an android application within six hours

Chess Tournaments (2016 – 2020)
Won Inter Department Chess Tournament. Played for college chess team for all the 4 years and grabbed 2 BRONZE, 1 SILVER and 1 GOLD medals in PTU Inter College Chess Tournament. Further got selected to play Inter University North Zone.

POSITIONS OF RESPONSIBILITY

Coordinator of Codechef Club (2016 – 2020)
Conducted workshop on Competitive Programming

Captain of College Chess Team (2017 – 2019)
Mentored the team and decided the game strategies and board order.

INTERESTS

Competitive Programming   Chess   Football

Online Games