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HIMANSHU SINGHAL

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WORK EXPERIENCE/INTERNSHIP

Full Stack Developer	**Cuemath**	**June 2018 - Present**

Android App Development   **Cuestudent**

• Improved app performance by writing annotation processor thereby reducing screen-loading time by 40%.
• Implemented student activity log feature, voice OTP system, redesigned and refactored UI and make the app compatible for different screen sizes used by 50K+ students in India.

Backend

• Created and deployed three Flask based micro services using Docker; Build Architecture for performing CRUD operations on NCERT Questions using Flask, PostgreSql and Sqlalchemy.
• Build and optimised REST API'S and database access using Django.

Frontend

• Made changes in Cuemath website, revamped Signup form using React.js and made native app screens on react native.

Internships

• Worked on "**Network Management System**" In Web Development (June 2017 – July 2017) at **Indian Meteorological Department**, Lodi Road, Delhi. **Github**
• Worked on "**Helping You**" Android App. (June 2016 – July 2016) at **Edunet Learning Services**, Noida.

EDUCATION

B.Tech. IT (GGSIPU)	Maharaja Agrasen Institute of Technology, Delhi	2014-2018	78.00%
12th (CBSE)	Lilawati Vidya Mandir Sr. Sec. School	2013	85.40%
10th (CBSE)	Lilawati Vidya Mandir Sr. Sec. School	2011	79.80%

TECHNICAL EXPERIENCE

PROJECTS:-

• **Open Source Contributions**   **MyContributions**

Solved bugs and improved performance in Malaria and PowerUp Android application (**Systers**); Suggested layout improvement in Susi Android App(**Fossasia**); Reduced APK size by 54%; Replaced one library with native code.

• **MovieDB**   **Github**

This android app shows top rated and now playing movies & TV shows. Also, it allows the logged in user to add TV shows and movies into their watch list.

• **Java Games**   **Othello | TicTacToe**

Othello (UI based); TicTacToe (Simple Coordinates System Based on OOPs concept).

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

• **Instructor (Dec 2017–Mar 2018**) **Coding Blocks**: Helped university students in clearing doubts in DS and Algo.
• **Nagarro Challenge**: Stood 19th (team) in India in **Hackerearth** Code-N-Counter Challenge.
• **Smart India Hackathon, Indian Space Research Organization**: Product accepted for further development.
• Received **Letter of Appreciation** by Deputy Director General of Meteorology, **Dr. S.L Singh (Scientist-F)**.

COMPUTER AND TECHNICAL SKILLS

• C++; Java; Python; Django; Flask; React.js; Redux; React-Native; HTML, CSS, PHP, Javascript(Prior); SQL

• Pycharm; Sublime Text; Eclipse; Android Studio; WebStorm; Visual Studio; Git; Bitbucket; Phabricator

• MySQL; PostgreSQL; SQLite; Redis; Docker; Jenkins(CI); Sentry; Fabric Crashlytics; WebEngage.