

WORK EXPERIENCE/INTERNSHIP

Full Stack Developer

Cuemath

June 2018 - Present

[Cuestudent](#)

Android

- Improved app performance by writing annotation processor thereby reducing screen-loading by 40ms.
- 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 RESTful Flask based micro services; Build Architecture for Cuemath NCERT app.
- Wrote backend for Cuemath International Maths Olympiad Mock Test using Flask and Amazon SQS.
- Worked with SEO team, optimised page loading time, Implemented Google Business Listings API's
- Build and optimised REST API'S and database access using Django and Redis cache.

Frontend

Made changes in [website](#), revamped DDC Signup form, Created Maths Olympiad Flow using React.js.

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

TECHNICAL EXPERIENCE

SIDE PROJECTS: -

• Open Source Contributions

[MyContributions](#)

Solved bugs and improved performance in Malaria & PowerUp Android App (**Systems Org**); Suggested layout improvement in Susi Android App (**Fossasia Org**); Reduced APK size by 35%; 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
- MySQL; PostgreSQL; SQLite; Redis; Docker; Jenkins(CI); Sentry; Fabric Crashlytics; Web Engage
- Pycharm; Sublime Text; Eclipse; Android Studio; WebStorm; Visual Studio; Git; Bitbucket; Phabricator

Place: Bengaluru

Himanshu Singhal