

# Deepanshu Varshney

📞 9560394353 | ✉️ deepanshu.tcl@gmail.com | 🌐 deepanshuvarshney

## EDUCATION

### Delhi Technological University (Formerly Delhi College Of Engineering)

Aug '16 – Jun '20

*B.Tech, Computer Engineering*

New Delhi, IN

- **CGPA - 8.52**, [ Top 10 Percentile of the Batch ].

### D.A.V Public School

Mar '14 - Jun '15

*High School, 12th Grade, AISSCE*

Babrala, IN

- **96.6%** . [ District topper and Top 0.25% percentile of the country ].

## WORK EXPERIENCE

### Member Of Technical Staff

Nov '22 - Present

*Byju's (Think & Learn Pvt Ltd)*

Bengaluru, IN

- Developed and Maintained two microservices, taking **end-to-end ownership from design to production** and delivering an average rate of **300QPS**
- **Implemented a Kafka pipeline for asynchronous and reliable communication** between services, ensuring exactly-once delivery semantics for a scale of **250K events daily**.
- **Led a team of 5** to design and implement multiple features into the configuration service.
- Created **Low-Level Designs (LLD)** for the optimal system architecture of the **session service and configuration service**. Also implemented CI/CD pipelines for seamless deployment, employed effective debugging strategies, and ensured scalability of above services.
- Realized significant **annual savings of 100 crore** through successfully replacing both Zendesk and Salesforce with an in-house solution.

### Software Engineer

Sep '20 - Nov '22

*Oppo India R&D Centre*

Hyderabad, IN

- Worked on Android Upgrade projects (R, S and T) under the WLAN module for various OPPO and OnePlus phones. Responsible for resolving defects in **Application, Framework and HAL** layer in the Wifi Service.
- Developed a feature - **Wifi Coverage Assistant** using the new technology (Wifi RTT) and published a **patent** for the same. The feature provides additional location based functionality to the existing Wifi service.

### Software Development Intern

Jun '19 - Jul '19

*IHS Markit*

Gurugram, IN

- Alpha version of a **chatbot published on Google Assistant** to help new recruits get in line with company process for the organizations HR department.

## ACADEMIC PROJECTS

- **Virtual Security Inspector**: A real-time video processing android app to detect the presence of rodents in public kitchens by generating outlines of objects using OpenCV and classifying it according to our CNN model. A project selected by **MHRD, Govt. of India and implemented in 40 public kitchens** in Delhi.

## ACHIEVEMENTS

- **Winner at SMART INDIA HACKATHON out of 45 teams**, April 2018 organized by Govt. of India. Project is currently being implemented across the nation by MHRD

## SKILLS

**Languages and Tools** : Java, C++, Python, SQL, Springboot, MongoDB, Kafka, J2EE, Rest Apis, Microservices, Distributed systems, Redis, AWS, Kubernetes, Docker, Jenkins, Version control system, Prometheus, Junit, Mockito