

EDUCATION

Qualification	Institute	Year	CGPA/%
B.Tech + M.Tech Information Technology	IIIT-Gwalior	2019	7.85/10
Class XII CBSE	Harrow Senior Secondary School, Bareilly	2013	91.6%
Class X CBSE	St. Francis Convent School, Bareilly	2011	9.6/10

WORK EXPERIENCE

Toppr Technologies Pvt Ltd

Hyderabad, Telangana

Software Engineer

June 2019 - Present

- **Student Performance Analytics Service:** Ownership over the service to analyze and notify periodic progress of student to their parents over SMS, accessible via short url. Implemented using Django, Redis and Elasticsearch. *Achieved over 17% Click Through Rate and 49% Average Retention*
- **Search Suggestion for Tutor:** Implemented search suggestions of questions and concepts for tutor using NodeJS, Elasticsearch and Django. *Achieved 10% improvement in session duration by using the recommendations*
- **Story Thumbnail Pipeline:** Implemented an automated and async system to generate and upload thumbnails for a new story. Implemented using Redis, SQS, Lambda and PIL. Reduced bounce rate by 13%
- **SEO compliant APIs for Toppr Learn:** Created APIs to make Toppr content highly searchable

Hyderabad, Telangana

Software Engineering Internship

May 2018 - July 2018

- **Fellowship Programme:** Django backend implementation to enroll students into fellowship programme in schools
- **NPS Feedback:** Created a system to prompt NPS feedback to users and record data in DB
- **Stories Autoplay:** API changes to implement auto play next story
- **Live Classes:** Created scripts to seed lectures, subjects and courses for Toppr Live

KEY PROJECTS

- **Automated Cyber Hate Detection Using NLP and Machine Learning:** Automated monitoring of hateful conversation on online forums, using NLP, NLTK, SKLearn and ML concepts
- **GPS based Home Automation system:** An IOT project based Android and Arduino that prompts to switch off the electrical appliances if left on, while the user is away from home
- **Word Rush:** An interactive game in Android which requires rearranging the alphabets into meaningful 4-letter word in a given time

CORE SUBJECTS AND PROGRAMMING SKILLS

- **Skills and Technologies:** C, C++, Python, Django, NLP, Machine Learning, AWS, Elasticsearch, Linux, MySQL and NodeJS
- **Core Subjects of Interest:** Data Structures, Algorithm, Operating System and DBMS

CAREER ACHIEVEMENTS/EXTRA CURRICULAR

- **President** of the IIIT-Gwalior wing of Rotaract Club of Youth, a social service club
- Attended the Facilitator's Bootcamp of **Google Applied CS with Android** at Google office, Bengaluru, only student selected from IIIT-Gwalior
- Research paper: Dr. Ajay Kumar, Prakhhar Dev Gupta, et. al : **"AUTOMATED CYBER HATE DETECTION"** accepted in 3rd **International Conference on Natural Language Processing- NATP 2017**
- Won several intra-college oratory events in 2014, conducted by AASF club. Secured **first position in Case study and Presentation making contest** as well