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GAURAV CHANDAK

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EMPLOYMENT

Software Developer	**Tracxn Technologies Private Limited**	**June 13th 2016-Present**

Search Team

- Have **complete ownership over the search aggregation framework** which powers all the filters on the platform and is also used to make complex queries for the platform. **Earlier, very basic form of filtering** was supported. It is also being used for **report automation**. As of now, hundreds of reports with 200+ slides each are being made **manually by the analysts**. This is being **completely automated** through this framework.
- Developed a framework which **creates application logs** and sends them over Kafka to a server where it is **processed through Logstash and put into ElasticSearch**. The logs are being used to **analyze user activity**.
- Exposure: **Java, ElasticSearch, log4j, Kafka, Logstash, AWS Glacier**.

Software Developer, Intern	**Ver Se Innovation Private Limited**	**Summer 2015**

Personalization & Analytics Team (Newshunt)

- Developed processors for generating and serving **personalized news feeds** to users based on their usage and affinity towards certain newspapers, categories and topics.
- Optimized the querying of news articles from ElasticSearch which helped **increase the throughput of serving news feeds by 400%**.
- Exposure: **Java, ElasticSearch, MongoDB, Redis**.

Software Developer, Intern	**InsideView Technologies (India) Pvt. Ltd.**	**Summer 2014**

NLP Team

- Developed processors which classifies a corpus of new articles into topics and **retrieves the top trending topics** from it.
- **Earlier, users were sent hundreds of news articles** for the companies/industries they were following of which most of the articles had the same news content.
- Exposure: **Java, TF-IDF, LDA, ElasticSearch, Stanford POS Tagger, Stanford NER**.

EDUCATION

Information Technology	**National Institute of Technology, Durgapur**	**July 2012-May 2016**

- GPA: 8.16/10.00.

ADDITIONAL ACTIVITIES

- Co-founder and Lecturer at RECursion (NIT Durgapur's Programming Club).
- Solved around 200 programming problems on competitive programming websites CodeChef and SPOJ.
- Ranked 23rd (out of 415 teams) at ACM-ICPC Asia Kolkata Regionals 2015.
- Ranked 67th (out of 1581 teams) at ACM-ICPC Asia Amritapuri Regionals 2015.
- Ranked 69th (out of 1534 teams) at ACM-ICPC Asia Amritapuri Regionals 2014.
- Ranked 1st (Indian) in Challenge Section of CodeChef October Long Challenge 2014.
- Ranked 2nd (Indian) in Challenge Section of CodeChef January Long Challenge 2015.

LANGUAGES AND TECHNOLOGIES

- C; C++; Java; Python; Octave
- ElasticSearch; MongoDB; MySQL; Redis