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GAURAV CHANDAK

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EMPLOYMENT

Software Development Engineer	Microsoft IDC	Feb 2018-Present
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O365 Groups Team

- Worked on creating a **rich and interactive group card** that is being used across most of the workloads (Outlook, Sharepoint, Yammer, etc) that use O365 Groups as an identity. The goal is to provide the user with the same experience across all workloads.
- Developed a **paginated member list with support for member management** (promote/demote/remove) and **server-side search** to find and manage people in large groups.

Senior Software Engineer	Tracxn Technologies Private Limited	Jun 2016-Dec 2017
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Search Team

- Created an intuitive and simple to use **query language for APIs** which is used to make **complex queries** (expression tree with leaf filters and feature-rich multilevel sorts), **complex aggregations** (infinitely serial and parallel), and obtain **response based on specific attributes**.
- Had **complete ownership over the Search API** which serves as the backend for Tracxn's entire research platform, customer APIs, data exports, report generation, mobile apps, etc. The API is completely based on the abovementioned query language and is basically at the **core of all the customer-facing products**.

Software Developer, Intern	Ver Se Innovation Private Limited	Summer 2015
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Personalization & Analytics Team (Dailyhunt)

- 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%**.

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

- Developed processors that classify a corpus of new articles into topics and **retrieve 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.

EDUCATION

Information Technology	National Institute of Technology, Durgapur	Jul 2012-May 2016
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- GPA: 8.16/10.00.

ADDITIONAL ACTIVITIES

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- Co-founded the programming club of NIT Durgapur, REcursion.
 - Ranked 12th globally in InterviewBit among all the members in September '15.
 - 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

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- C; C++; Groovy; Java; Python; C#
 - React; Redux; TypeScript
 - Elasticsearch; MongoDB; MySQL; Redis