Ujjwal Kumar Singh

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EDUCATION

- **Indian Institute of Technology** — Kanpur, India
  Bachelor of Technology in Computer Science and Engineering; CGPA: 8.2 — *Aug. 2010 – Dec. 2014*

EXPERIENCE

- **Mindtickle** — Pune, India
  SDEII — *Jun 2017 - Present*
  - **Deep Link and Cross-Platform Integration**: Todo
  - **Mobile Architecture**: Todo
  - **Augment Reality**: Todo

- **ruly** — Delhi, India
  Co-Founder — *Oct 2015 - Feb 2017*
  - **Recommendation and Indexing**: Todo.
  - **Database**: Todo.
  - **Data Collection**: Todo.
  - **Dev Environment**: Todo.
  - **Recommendations**: Todo.
  - **Content Discovery**: ITodo.
  - **Analytics**: Todo.
  - **Android App**: Todo.

- **Samsung Electronics** — Noida, India
  Engineer — *July 2014 and Oct 2015*
  - **Portfolio Management**: Created models for portfolio hedging, portfolio optimization and price forecasting. Also creating a strategy backtesting engine used for simulating and backtesting strategies.
  - **QuantDesk**: Python backend for a web application used by hedge fund managers for portfolio management.

PROJECTS

- **Data-Mining Research Publication**: K-Dominant Skyline Join Queries: Extending the Join Paradigm to K-Dominant Skylines.
- **Github Visualization**: Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System**: Movie recommender systems using collaborative filtering on MovieLens datasets.
- **Hostel Management System**: Todo.

PROGRAMMING SKILLS

- **Languages**: Kotlin, Python, JS, SQL, Java, Scala   **Technologies**: AWS, Kafka, Docker, Android, Django

HOBBIES

Reading non-fictional books, Tech Blogger, Gamer