KAPIL MANDAVKAR
DATA ANALYST

B.Tech in Chemical Engineering (2017-21)
Indian Institute of Technology, Bombay
CGPA: 7.18

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PROFESSIONAL EXPERIENCE

BrightChamps Tech Pvt. Ltd. | *4 times Edtech of the Year Award*   Oct 2021-Present

BrightChamps is an educational technology platform with **2 Mn+** demos and onboarded over **55k** students

- *Data Analyst II*   Apr 2024-Present
  - Presented insights and recommendations to stakeholders through clear and compelling data visualizations, facilitating informed decision-making.
  - Collaborated with team members to identify and resolve data issues, improving the overall data analysis process
  - Trained and **mentored junior analysts** on best practices in data analysis, visualization, and statistical modelling.
- *Data Analyst I*   Oct 2022-Mar 2024
  - Accelerated data analysis by developing and implementing efficient derived tables, resulting in reduced processing times and quicker access to insights for informed decision-making.
  - Conducted in-depth data analysis on **Business Burn** and **Gross Margin** and presented findings to senior management, resulting in a **11.9% decrease** and **4% increase** respectively.
  - Identified key performance indicators (KPIs) and developed metrics to monitor business performance, resulting in maintaining the same revenue while **reducing marketing costs by 50%.**
  - Collaborated with finance and business teams to define data requirements and ensure the accuracy and integrity of data sources.
- *Junior Data Analyst*   Oct 2021-Sep 2022
  - Performed ad-hoc analysis and generated reports to answer specific business questions, contributing to strategic planning and operational improvements.
  - Automated incentive calculation process for a team of **80+** salespersons, replacing manual Excel operations and saving approximately **90** hours per month.
  - Developed at least **465** BAU reports spanning departments such as Finance, Sales, and Product, empowering stakeholders based on comprehensive data analysis and maintained a record with a **98%** on-time delivery rate.
  - Assisted in data collection, cleaning, and preprocessing, ensuring high data quality and consistency.
  - Maintained and updated databases and data systems, ensuring data security and compliance with policies

TECHNICAL SKILLS

- **Programming/Software**: MySQL, PostgreSQL, Python, Microsoft Excel
- **Tools:** MySQL workbench 8.0 CE, TablePlus, Quicksight, Redash, Metabase, Jupiter Notebook, Jira

PROJECTS UNDERTAKEN

Web Crawler | *Online Course Project* | *University of Michigan*   Jun 2020-July 2020
- Successfully built a simple version of **Google's web crawler** for retrieving and modelling of data on **python-3**
- Used DB Brower **SQLite** for storing data | Applied **page rank algorithm** to convert datapoints into ranking order
- Modelled data so that it was able to instantly find out the most and least used webpage on particular websites

Chain Reaction | *Course Project* | *Guide: Prof. Krishna. S, CSE, IIT-B*   Mar 2018-May 2018
- Developed a program to simulate the android smartphone game Chain Reaction using **C++** language
- Applied Recursion, backtracking algorithm and used multiple structures & classes to build an efficient model

AWARDS AND ACCOMPLISHMENTS

- Awarded certificate for completing a **3** day technical skill development workshop of 'Python in Data Science'
- Completed certified Introduction to **data science** courses offered by **IBM** Developer Skills Network
- Acquired certification for **Python specialization (Honours)** by University of Michigan with **100%** score
- Awarded **Organizational Special Mention (7/25)** for exemplary contribution in cultural activities for IIT-B hostel 3
- Awarded Certificate of Academic Excellence for scoring **highest marks (100%)** in Mathematics in X^{th} grade
- Recipient of National Means cum Merit Scholarship (NMMS) examination conducted by MSCE, Pune
- Secured **85.01** percentile in Joint Entrance Examination Advanced (JEE-Adv) 2017 among **0.16** million aspirants
- Secured **96.82** percentile in Joint Entrance Examination Mains (JEE-Mains) 2017 among **1.2** million aspirants