

SAJAL SINHA

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SUMMARY

Data Scientist with a passion for machine learning research, driving initiatives, and enhancing productivity, seeking opportunities to contribute while nurturing personal interests in cooking and gardening.

EDUCATION

Dr. DY Patil Institute Institute of Engineering, Management and Research

Aug 2017 - Jul 2021

Study Program

Pune, India

SKILLS

- **languages:** English, Hindi
- **Others:** Machine Learning, Deep Learning, Computer Vision, API development, NLP, LLM Prompt Engineering, SQL, DBMS, Git, R Programming, Python, Pytorch, Keras, Spacy, HuggingFace Transformers, Tensorflow, AWS, Azure, GCP, Vercel, Data Visualization, Data Analytics

WORK EXPERIENCE

SlidesAi.io

Feb 2024 - Present

Data Scientist

Remote, India

- Data Analysis and defining strategies to improve user experience, which improved Positive feedback from 40% to 75%.
- Built LLM evaluation system using RAGAS Framework, and linked it with metabase dashboard.
- Debugged and Built NLP Models, identified root causes, and

Genie AI - ALBIS

Apr 2023 - Jan 2024

Lead Machine Learning Engineer - NLP

Canada

- Built a personal AI assistant (Generative AI - GPT) capable of doing all the daily task such as sending Emails (Gmail using Google Cloud API), reminders, to set meetings, etc.
- Built an Auto-SEO (GPT Based) chatbot capable of optimizing a website's complete SEO on it's own. Improved ranking of test website on google search from 1 3th to 5th.
- Built an AI based SMM (LLama Based), which can optimize social media presence.

Akrivia HCM

Jan 2022 - Feb 2023

Machine Learning Engineer

Andhra Pradesh, India

- Working as a Researcher with a team of Machine Learning professionals.
- Built an Employee Feedback Analysis Model. The model is built on Transformers and can handle questions, emojis, slang, abbreviations etc. The model gave 7% better accuracy and 3 seconds time reduction. Two versions were deployed, which are successfully integrated and working in the product.
- Led a team to build an UID-Identification model, using transfer learning. It is able to extract PAN, Aadhaar Number, Passport Number and Driving Licence from the respective image. Two versions were deployed, which are successfully integrated and

AlmaBetter

May 2021 - Dec 2021

Data Science Intern

Remote, India

- Worked with Product Team for Data Collection and Analysis as well as contributing towards Content Creation.
- Analyzed user data and extracted meaningful insights, leading to a 33% growth in users.

PROJECTS

Chat With Files (Docs, txt, PPTs, etc)

Mar 2023 - Apr 2023

- User can do Q & A with any type of file they upload.

Transliteration

Oct 2022 - Nov 2022

- Transliterates any sentence in English to Hindi. Uses LSTM and GRU.

Resume Parsing and Ranking

Apr 2023 - May 2023

- Built a LLM based resume parser to accurate extract information from resume and to rank it wrt Job description.

CERTIFICATIONS

- **Market Analytics & Retail business management:** 07/2020
- **Marketing Analytics : Customer Value and Promotion Strategy:** 10/2021
- **Deep Learning Specialization:** 10/2021