

Adarsh Raghav

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SKILLS SUMMARY

- **Languages:** SQL, Python, C++
- **Frameworks:** Matplotlib, Seaborn, ChartJS
- **Tools:** MS Excel, Tableau, PowerBI, SQLite
- **Platforms:** AWS, GCP, LucidChart, Figma
- **Misc:** Risk Analysis ESG(Environemnt Sustainability and Governance) Certification from CFI

EDUCATION

- **Bennett University** UP, India
Bachelor of Technology - Computer Science Engineering; GPA: 8.7 Aug 2019 - May 2023
Courses: Databases, Data Analysis, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

EXPERIENCE

- **Google** Bangalore, KR
Technical Analyst Intern May 2022 - Jul 2022
 - **MSExcel Google Sheet Integartion:** Matched and transfered chunks of data from APIs and Google Sheets to MSExcel for greater analysis and ETL tasks.
 - **Aided in the development of various Internal Analysis tools:** Using APIs to pull in data from other tools to build a one stop shop glossary for all internal tool
 - **Cost Optimization Dashboard:** Helped GCP users understand their costs and helped in opitmization of their costs.
- **Cureya** Remote
Data Analyst Intern May 2021 - July 2021
 - **ML, DL based prediction architectures:** Analysis and prediction on pre-existing data sets using various machine learning techniques such as KNN and Regression.
 - **Anxiety assessor chatbot:** Detects anxiety, depression or any unforeseen medical anomalies realted to pyschology

PROJECTS

- **VaayuSens Air Qualtiy Monitoring System (MSExcel, Python, BI, IoT, MQTT, AWS):** Built a monitoring device that will help to identify as well maintain the quality of air inside the air-conditioned space through optimized operation of chilled water flow as well the fresh air damper.
- **Log Extractor CLI (SQL, NodeJS, Bash, Yargs):** Build a command line interface that can read log files of upto 16GB and display logs between given data ranges. On an average the CLI was able to read logs with more than 100,000 entries in less than 15 seconds
- **OneLeague (Dart, Flutter, Rest API, SQLite):** With one username and password we want to give power in the hands of future students. This platform is developed to eliminate a constant need to fill the same details several times for different colleges.
- **Cloud Resource Optimizer (Deep Learning, LSTM, ind-RNN, LSTM):** Built a Cloud Computing Resources Prediction using ML/DL techniques. Here we will be creating a fully automated solution for B2B, which will give businesses an idea of how much resources(virtual machines) are being wasted.
- **Personal Portfolio (Reactjs, Nextjs, Bootstrap):** Created a personal portfolio that shows all my experiences, skills and achievements

PATENTS

- **Automatic Sanitising Apparatus (Interior):** This was a sanitization system that I built during Covid-19 to sanitise the interior of a vehicle.
- **Automatic Drive-through Sanitising Apparatus (Exterior):** This was a sanitization system which would detect an incoming vehicle or object and would sanitize the exteriors of that particular vehicle.

CERTIFICATIONS

- Environemnt Sustainability and Governance Certification from CFI
- Cloud: GCP Associate Cloud Engineer, AWS Cloud Practitioner, Azure Fundamentals

VOLUNTEER EXPERIENCE

- **Treasurer at Bennett Artificial Intelligence Society** UP, India
conducted various events related to machine learning and artificial intelligence, handled finances. Jan 2021 - Present