Jagata Venkata Sriram

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SKILLS SUMMARY

- **Languages:** Python, C/C++, SQL, JAVA, pytorch, HTML, CSS, Appscript
- **Frameworks:** Scikit, NLTK, OpenCV, TensorFlow, Keras, Django
- **Tools:** GIT, MySQL, PostgreSQL, Apache, PrestoSQL, Google cloud console, Google Studio/Tableau, Hive, Kirby, Google sheets/MS Excel, LaTeX, Celonis, piper
- **Platforms:** Linux, Windows, MacOS
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management, Stakeholder Management

EXPERIENCE

- **Eteams infotech pvt Ltd(Uber onsite project)** — Hyderabad, Telangana
  Senior Data Analyst — *June 2023 - present*
  - **Revamp of global bliss dash**: Recreated global bliss dash using new KPIs and faster tables using Celonis and Hive. Data is scheduled to be loaded using API connection and uses multiple views instead of tables to bring the execution time from 18-20 hrs to 11 hrs for bliss dash and 14hrs to 2hrs for self-service dash.
  - **Talent Acquisition and HR dash**: Created a dashboard for TA and HR team which helped them hire better talent and get various insights about hiring funnel.

- **Uber India Research and Development Pvt Ltd** — Visakhapatnam, Andhra Pradesh
  Data Analyst Specialist II — *July 2022 - June 2023*
  - **Appeals Automation**: A scheduled query using prestoSQL that retrieves and updates appeals data. App-script to send automated email to stakeholders of the insights.
  - **Lower quartile agent analysis**: Created an overview dashboard with filters for people and support function groups. This helped Team Lead to optimize and train the agents more efficiently and track the progress at more granular level.

- **National Institute of Technology** — Tadepalligudem, Andhra Pradesh
  Web Developer (Intern) — *June 2021 - Dec 2021*
  - **Exam Section Website**: Created and deployed three key modules of the website which are backlog and makeup registrations, grade sheet printing and IDs for faculty and course instructors using django and PostGres DB.

- **Free Code Camp** — Hyderabad
  Student Developer (Intern) — *May 2018 - July 2018*
  - **Summuraly WebApp**: Summarizes news articles from various sources over the internet.
  - **Web crawler to search for news articles**: Used BeautifulSoup package in python to find news articles using keywords.

- **Queless** — Vijayawada
  Front end developer (Part-time) — *Jan 2017 - Mar 2017*
  - **Queless WebApp**: Aims to removes long queues present in movies theatres(for tickets and food).
  - **Front end design**: Created front module of website using HTML5, CSS, Javascript and bootstrap. Created few custom icons and logos.

PROJECTS

- **Deep Image Manipulation- Image-to-Image(I2I) Translation** — Sept 2021 - June 2022
  Pytorch, numpy, pandas,torchvision,PIL
  - : Modified cycleGAN has over 14 percent improvement over sota model CycleaGAN in terms of accuracy whereas modified pix2pix has over 20 percent improvement over sota model, pix2pix in terms of execution time and 15 percent in terms of error.

- **Rainfall Prediction using different machine learning algorithms** — Jan 2019 - May 2019
  numpy, pandas, matplotlib, keras, scikit learn
  - : Performed qualitative analysis using few classification algorithms like Support vector machines(SVM), Artificial Neural Networks, Logistic regression. Dataset used for this classification application is taken from hydrological department of Rajasthan. Overall, we analyze that algorithm which is feasible to be used in order to qualitatively predict rainfall.
  - : ANN was able to yield an accuracy of 87 percent. The other algorithms could reach a maximum accuracy of 86 percent. If we consider extremely large datasets, that 1 percent can make quite the difference in forecasting.

- **Face Recognition App for attendance** — Jan 2021 - May 2021
  opencv, numpy, pandas, tkinter, PIL
  - : Created a face recognition app which can be used to note attendance of students.
  - : When a student sits in front of the camera, it adds the student to the attendance excel sheet. This excel sheet is named using subject name, subject code, day and month.

Education

- **National Institute of Technology** — Andhra Pradesh, AP
  Master of Science in Computer Science and Data Analytics; GPA: 7.62

- **Koneru Lakshmaiah University** — Andhra Pradesh, India
  Bachelor of Engineering in Computer Science and Engineering; GPA: 8.14

Publications

- **International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-7, May, 2019**: Rainfall prediction using Machine Learning Techniques. Paper ID: G5295058719

- **Conference paper: CVIP 2022**: Deep Image Manipulation: Image-to-Image Translation(paper accepted)

Honors and Awards

- Topped district twice (2010,11) in National Science Olympiad (NSO)
- Achieved top 90 percentile in GATE 2020
- Received 90% scholarship via FTRE(FIITJEE Talent Reward Exam)
- Winner of KLU Inter Morale football trophy (represented cse department).
- Two-time winner of LAN gaming (Game: Dota2) conducted during our department fest.
- Winner of code puzzle conducted during our department fest.

Leadership/Extra Curricular

- Co-Coordinator of designing team of our college fest Samyak 2k16.
- Coordinator of designing team of our college fest Samyak 2k17.
- Core member of our department club.

Teaching Experience

Worked as teaching assistant for the following courses: — NIT Andhra Pradesh
Teaching and grading

- **Computer Networks Lab**: Jan - May 2021
- **Security Lab**: Aug - Dec 2021
- **Object Oriented Programming Lab**: Jan - May 2022
- **Machine Learning Lab**: Jan - May 2022

Relevant certificate courses

- Natural Language Processing (nptel)
- Deep Learning with elite certificate (nptel)
- Fundamentals of deep learning (Nvidia)
- CCNA Routing and Switching: Introduction to Networks(Cisco)
- Introduction to Data Studio(Google)
- Data Science Machine Learning(Coding Ninjas)