

ARUN RATHI

SOFTWARE ENGINEER INTERN

Hyderabad, India

+91-8638257251

arunrathi201@gmail.com

github.com/Data-Spoiler

linkedin.com/in/arun-rathi-999478128/

I have completed my BTech and MTech from Tier-1 engineering college. I am a quick learner with learning-by-doing attitude and have good skills in Data Science and Software Engineering.

Skills

• Programming

Python | Java | SQL

• Visualization

Matplotlib|Seaborn|Plotly

• Machine Learning

Scikit-Learn

• Deep Learning

TensorFlow

• Tools

NumPy | Pandas | SciPy |
Google Colab | VS Code |
IntelliJ idea | Git | Jupyter
Anaconda | GitLab | GCP
JIRA | Elasticsearch |
Confluence | AWS |
MySQL

Interests

- AI
- Machine Learning
- Kaggle
- AI Newsletter
- Travel
- Learning New things
- Archery
- Riding Motorbike
- Gym
- Trading

Experience

Agilitix.ai | Software Engineer – Intern

June 2020 - Present | Hyderabad, India

- Implemented a research paper based on Deep Learning model to detect the anomalies in multivariate time-series datasets.
- Time Series Forecasting and Analysis using Facebook's library Prophet and Stumpy for univariate time-series datasets.
- Worked on a project to annotate the java projects using git history.
- Built a dashboard for time series dataset to display the trends and seasonality in the data.
- Data extracting using REST API's, Web Scraping, Data Cleaning and Data Visualization.

Key Skills: Python, Google Colab, Pandas, NumPy, Seaborn, Matplotlib, Plotly, REST APIs, TensorFlow, Deep Learning, Machine Learning, Java, IntelliJ idea, Junit, GitLab, Git Version Control, JIRA, Confluence, Elasticsearch engine.

Academic Projects

- Worked on IMDB dataset using SQLite3 and python.
- Worked on an NLP problem using Amazon fine food review dataset to classify the review polarity.
- MTech project on "Biofuels for IC engine".
- BTech project on Design and Fabrication of an Automated Seeding Sowing Machine.

Certifications

- AppliedAI: Applied Machine learning course (Pursuing).
- International Summit on AI and Data Science organised by RBC-DSAI, IIT Madras
- Coursera: Introduction to Data Science by IBM (Jun'20).
- Coursera: Machine Learning by Stanford University (Andrew Ng).
- Patent Search and Analysis webinar organised by TIFAC, DST.

Academic Qualifications

- National Institute of Technology, Kurukshetra, Haryana.
MTech in Thermal Engineering, 2018-2020
CGPA: 7.98/10
- Tezpur University (a Central govt. funded university), Tezpur, Assam
BTech in Mechanical Engineering, 2014-2018
CGPA: 8.01/10
- Senior Secondary School (CBSE), BBPS Ghaziabad, Uttar Pradesh.
CBSE, 86.80%

Awards and Achievements

- Academic:
 - Awarded Silver medal by school for securing 2nd position in International Olympiad of Mathematics'11.
- Extra-Curricular:
 - Awarded as "Best Archer" of Tezpur University in Archery Annual Meet Games'16.
 - National Cadets Corps (NCC) B certificate.