

Ankush Kumar Sharma

SciML Researcher

Experienced Data Scientist and Data Engineer | 10+ years of expertise in cutting-edge technology | Proficient in Data Science, Data Engineering, Knowledge Graphs| Expertise in Supply Chain and Geospatial Mapping | Skilled in Web Development, Android Development, Domain Administration, and Cyber Security | Indian Army Technical Domain veteran, adept at handling challenges | Proven track record in data preprocessing, analysis, and ML algorithms | Collaborative approach in delivering production-ready ML products | Agile mindset for providing business insights and process improvements | Let's connect and leverage data for transformative solutions.



[linkedin.com/in/ankush-kumar-sharma](https://www.linkedin.com/in/ankush-kumar-sharma)



[ankush-ksharma.github.io](https://github.com/ankush-ksharma)



github.com/ankush-ksharma

WORK EXPERIENCE

SciML Researcher/AI Researcher Shell

12/2020 - Present

Bangalore, India

Achievements/Tasks

- Graph based supply chain mapping for commodities
- Design and development of routing and shock analysis
- Research experience for social sensing and event tracking
- Development of multiple domain specific NLP solutions based on word-vectors and clustering algorithms on cloud
- Data Science for sensor-driven near real-time pipeline integrity management system

Govt of India

10/2015 - 09/2020

Multiple Location, India

Achievements/Tasks

- Utilized Scrapy and TF-IDF for search in air gapped network
- Ingesting, cleaning, and processing data from usage logs
- Involved in text, image, video analysis and website development

Software Engineer SRI-Noida, Samsung

06/2013 - 09/2014

Noida, India

Achievements/Tasks

- Worked on android/feature phones using Java and C++
- Experience with Android and Spreadtrum platforms
- Video player features creations and format addition
- Won third prize in the Innovation competition for samsung

CERTIFICATIONS

Deep Learning, Udacity (10/2022)

AI Engineer, Udacity (03/2021)

Big Data, Hadoop and Tableau (10/2020)

Machine Learning (08/2020)

SKILLS

Machine learning

Data Analysis

GIS

CI/CD

Deep Learning

NLP

Graphs

Flask/Dash

Project Management

Python

Plotly

NLP

GeoMapping

Azure

Gensim

SQL/NoSQL

EDUCATION

Masters of Technology BITS, WILP, India

06/2018 - 09/2020

9.18, Software Systems

Courses

- Specialization in Data Analytics
- Search Engine for air-gapped network using Scrapy and Page Ranking, TFIDF

Bachelor of Technology NIT, Hamirpur, India

06/2009 - 05/2013

8.24, Computer Science and Engineering

Courses

- Blink Eye Detection for Wheelchair using OPENCV and Arduino
- Only project with integration with Mechanical Engineering

LANGUAGES

Hindi

Native or Bilingual Proficiency

English

Native or Bilingual Proficiency

INTERESTS

Growth Mindset

Cyber Security

Programming

Generative AI

Cyber security

Problem-solving

Trekking

Sports

Music

Travelling