

Aashish Chaubey

Senior Data Scientist

Data Scientist with a strong mathematical, computer science background and 4+ years of experience using predictive modelling, deep learning, machine learning, statistics, natural language processing, computer vision and cloud computing in various domains.



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WORK EXPERIENCE

Senior Data Scientist

Alten Calsoft Labs

09/2021 - Present

Bengaluru, India

Solutions, and Consulting Offerings Company

Achievements/Tasks

- Worked with the larger team to consolidate the solution offerings of the company and assembling the technical pipelines.
- Developed NLP and Computer Vision prototypes and pipelines for quick development and fine tuning for similar problems.
- Designed and implemented a face detection solution using PyTorch that streamlined security resource configuration and maintenance.
- Actively worked in an agile software development environment which utilized the Scrum process.

Data Scientist

IBM India Software Labs

07/2018 - 09/2021

Bengaluru, India

Hybrid Cloud and Cognitive Software Company

Achievements/Tasks

- Provided comprehensive analysis and recommend solutions to address complex business problems and issues using data from internal and external sources and applied advanced analytical methods to assess factors impacting growth and profitability across product and service offerings.
- Spearheaded education initiatives with cross-organization collaboration, facilitating audiences to understand AI & ML techniques.
- Coached, developed, and motivated team members, providing coaching and mentoring to junior data scientists on AI and machine learning techniques.
- Have extensive experience of working with IBM AI tools, i.e., Watson Assistant, Watson Discovery, Watson Natural Language Understanding, Watson Knowledge Studio, etc., and architect a solution as an individual contributor.
- Part of the core team responsible for designing and developing an enterprise-grade product within a period of 6 months and deploying it on IBM Cloud.
- Closely collaborated with the research team, data science team, and the offering manager to understand their insights and improve the web app performance.

EDUCATION

Computer Science

PES Institute of Technology, Bengaluru

07/2014 - 05/2018

Bengaluru, India

Courses

- Artificial Intelligence
- Software Development
- Data Structures & Algorithms
- Statistics/Data Science

SKILLS

Predictive Modelling & Analytics

NLP

Time Series Analysis

Deep Learning

Machine Learning

Statistics

Python/R

Cloud Technologies

Computer Vision

ACHIEVEMENTS

Managers Choice Award (07/2018 - 09/2021)

3 awards in 3 successive years

Hackathon Runner Up (09/2019 - 09/2019)

Hedera Hashgraph Hackthon

Best Solution Award (06/2018 - 06/2018)

Dora Hacks Hackathon

Hackathon Winner (11/2019 - 11/2019)

Cybervien Hackathon

PERSONAL PROJECTS

Driver Drowsiness Detection

(03/2017 - 05/2017)

- Detect if the driver is drowsy given the non-intrusive, real-time attributes of the driver to minimize the risk of an accident on road.
- Build a system using Python, OpenCV, and Keras which will alert the driver when he feels sleepy.

NLP - Sarcasm Detection (08/2021 - Present)

- The goal of the project was to detect sarcasm in sentences enabling the machine to better understand the intent of the user in the context.
- Scrapped data from social media and few other platforms and applied Deep learning models to confidently score if the statement is sarcastic.

ORGANIZATIONS

Aspire For Her (07/2020 - Present)

Mentor

Nasscom (02/2019 - 09/2021)

Data Science SME

Android Club (04/2015 - 05/2018)

Founding member of the Android Club at university

INTERESTS

Traveling

Reading

Blogging

Solving Problems

Sports Activities