Chitresh Kaushik

MALE, DOB: MAR 11TH, 1995

+91 8569968265
kchitresh123@gmail.com
https://github.com/capchitts/
www.linkedin.com/in/chitresh-kaushik

Data Science | Software Development

I am a Data Scientist with over 8 year of experience, currently working at IBM, Gurgaon. My expertise lies in AI and data-driven solutions, particularly in time series forecasting and reinforcement learning. At IBM, I lead the development and optimization of forecasting pipelines, integrating various algorithms such as LSTM and Prophet, and spearheading AI ethics assessments. Previously, as a Software Developer at Wipro Technologies, I honed my skills in Java application development using Spring Boot and Hibernate, and gained proficiency in RESTful API development, unit testing, and build automation. I hold an MTech in Information Security from IIT Dhanbad and a BTech in Computer Science from Amity University. I am certified in IBM AI and Data Science methodologies and have been recognized with the Prodigy Award for exceptional performance.

SCHOLASTIC RECORD

Year	Degree	Institute	CGPA/%
2022	MTech(Information Security)	Indian Institute of Technology, Dhanbad	8.0
2016	BTech (Computer Science)	Amity School of Engineering and Technology, Gurgaon	6.7
2011	12th (CBSE)	Jain Public School, Rewari	82

SKILLSET

● Algorithms and Data Structures	● Databases	● Backend Framework	● Testing Framework
● Build Tools	● Versioning Tools	● Data Visualization	● Machine Learning
● Deep Learning	● LLM App Development	● Agile Methodologies	● JIRA

WORK EXPERIENCE   (40+ Months)

IBM, Gurgaon	Data Scientist	Dec 2022 – Present

Project: Northstar (IBM Consulting)

Northstar is an IBM Consulting solution that transforms the talent supply chain by using AI and data for continuous planning and decision optimization.

Roles & Responsibilities	• Provided query resolution for multiple analyses for IBM executives. • Handled end-to-end development, optimization, and deployment of a time series forecasting pipeline. • Worked with different algorithms including LSTM, Prophet, PyDLM etc. • Acted as the main contact for integrating and testing new features in the Supply Forecast Pipeline. • Developed a proof of concept (POC) for assessing AI ethics and responsibility in existing AI models within the project. • Developed a Reinforcement Learning solution to improve forecasting accuracy by reducing error metrics. • Worked on implementation of Time Series Foundation models to assess the improvements. • Handled end-to-end development and optimization of a Bayesian Inference Approach (Dynamic Linear Models)

Wipro Technologies, Pune	Software Developer	Feb 2016 – July 2021

Project: IT service management & Java application development and maintenance for global leading IT giant

Roles & Responsibilities	• Proficient in Spring Boot and Spring MVC for building and deploying RESTful APIs. • Strong capabilities Hibernate for efficient database management. • Experienced in Spring Security for handling authentication and authorization. • Adept in JUnit and Mockito for unit testing. • Practical experience using Postman for API testing and validation. • Knowledgeable in Maven and Gradle for build automation, and proficient in Git for version control. • Familiar with SQL databases.

DataMantra - India		Feb 2019– July 2024

Freelance trainer

Roles & Responsibilities	• Delivered training sessions to over 3,000 professionals globally. • Specialized in SQL, Jira, Deep Learning, and Machine Learning. • Achieved a Customer Satisfaction Score (CSAT) of 4.6. • Designed and conducted comprehensive training programs tailored to diverse audiences. • Utilized interactive teaching methods and real-world examples to enhance learning outcomes.

AWARDS & ACHIEVEMENTS

Corporate Events	• Participated in IBM Hackathon in 2023 and 2024 editions.
Certifications	• IBM Garage Essentials • IBM AI Associate Data Scientist • Watson Discovery Service for Developers • Watson Assistant Foundations • Data Science Methodologies
Wipro Technologies	• Awarded **Prodigy Award** in 2019 during my tenure at Wipro Technologies for exceptional work as Fresher.