

Koushik Deb



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EXPERIENCE:

- Currently working in Accenture (Total 13 years+ of experience)
- IT Experience-3.5 years in Capgemini India Pvt. Ltd ,1.5 years in IBM,1.5 years in CTS, 3 Years in Accenture
- Research & Teaching Experience –3 years mainly on NLP, Sentiment Analysis, Topic Modelling, Multiclass Classification, Information Retrieval.

EDUCATION:

Executive MTech. in Computer Science

CGPA: 9.03

Department of Computer Science & Engineering

IIT(ISM),Dhanbad, India Passing Year: May,2018

B.Tech. in Information Technology

CGPA:8.43

Department of Information Technology

Govt. College of Engg. Text. Technology, Serampore

Under West Bengal University of Technology, Kolkata, India

Passing Year: 2013

INDUSTRY EXPERIENCE(June,2013 to Now)

Experience in Accnture Plc-(2023-Till Now)

Project Name: Cigna Health Care.

Job Role: Worked as Tech Lead and developer. Prepare few POCs, proposed new use-case and got new GenAI projects.

Technology Used: Gen AI , Agentic AI, RAG, Python

Tool Used: VS Code, Cursor, Devin

Project Name: Roche

Job Role: Worked as Tech Lead and developer. Prepared POCs, MVPs and developed fully deployable projects.

Technology Used: Gen AI, Agentic AI, Python, Natural Language Processing,

Tool Used: VS Code

Experience in Cognizant Technology Solutions-(2022-2023)

Project Name: Apple Inc.

Technology Used: Python,Machine Learning,Natural Language Processing

Tool Used: Pycharm, Jupyter Notebook

Project Name: Inter IKEA Systems

Technology Used: Python, Machine Learning, Natural Language Processing

Tool Used: Databricks

Experience in IBM India Private Limited-(2017-18)

Project Name: Tiffany & Co.(US Based Jewelry Company)

Job Role: Worked as developer and build new solution for client

Technology Used: Python, Machine Learning, Natural Language Processing

Tool Used: Pycharm, SQL Server

Experience in Capgemini Technology Solution-(2013-2017)

Project Name: Smart Energy Solution Platform(Accounting Electric bill for Sweden)

Technology Used: C#, Web Api

Tool Used: Eclipse, Visual Studio, SQL Database 2008, SQL Server Management

Project Name: PMO-Tooling.(Management tool for Netherland Capgemini)

Technology Used: C#, MVC 4, HTML5, JavaScript.

Tool Used: Visual Studio 2012, SQL Database 2008, SQL Server Management

Project Name: Sanofi Aventis(World 2nd Largest Medicine Company)

Technology Used: Javascript, Asp.Net, Kendo Js., Web Api, Wcf Service

Tool Used: Visual Studio 2012, SQL Database 2008, SQL Server Management, Oracle 10g,

SKILLS:

➤ Programming Languages Known:

Python ,C#, Dart, Javascript

➤ Subjects of Interest:

Gen AI, NLP, Machine Learning , Deep Learning , Data Mining

Paper Published on Machine Learning and Deep Learning

- Last published paper in “Innovations in Systems and Software Engineering (A NASA Journal)” with title “**How prompts manipulate models: measuring cognitive bias vulnerability in commercial LLMs across languages**” in August,2026.
- Received **Best Paper Award** for A Relative Kernel Density-based Outlier Detection Algorithm in The 12th International Conference on Software, Knowledge, Information Management and Applications (SKIMA 2018) and published in special issue of Advances in Science, Technology and Engineering Systems Journal(ASTESJ).
- Accepted and **awarded as Best Paper** “Predictive Analysis of Riot and Radicalization Oriented Text of Social Media” in 2nd Global Conference on Artificial Intelligence and Applications.
- Accepted and **awarded as Best Paper** “Assessing the Concerns of People in the Pandemic Situation: An Analytical Approach on the Social Media Data” in 2nd Global Conference on Artificial Intelligence and Applications.

Patent:

- “Method and Device for Multiple Natural Language Processing in Offline Mode with Optional User Interaction” Published with application id-201931009037(Granted)
- “A System for Monitoring Building to Identity Fire-Based Situation and to Perform Efficient Evacuation.” Applied with application id-201931053496 (Granted)
- “Drone-Augmented Pest Control System” Applied with application id-202431013004 (Granted)

Certification

- **AWS AI Practioner** (AIF-C01)
- **Azure AI Fundamental** (AzureAI-900)
- **Machine Learning Certification** from Thomson River University Cloud Computing under IEM-UEM International Program on 1st Sept,2018
- **Bluemix Ceritification** from IBM on 26th May,2017
- **Software Lifecycle Maintenance** :ITIL Foundation Certification from PEOPLECERT Group on 13th Jan,2016
- **Computer Language**: Python Developer Certification from VSkill on 16th July,2016
- **AI & Machine Learning**: Several Cousera Certification

PERSONAL DETAILS:

DOB : 02-09-1990
Father's Name : Lt. Kanu Ranjan
Deb Mother's Name : Lt. Kakali Deb
Sex : Male
Marital Status : Married
Nationality : Indian

DECLARATION:

I hereby certify that all the information mentioned above are true, correct and complete to the best of my knowledge.

Date:24/07/2026

Koushik Deb