



## Neha Koppikar

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<https://www.linkedin.com/in/neha-koppikar/>

Profile: BTech Data Science 2021 graduate from NMIMS Mumbai University (CGPA: 3.02/4.00) with 4+ years of professional experience across cloud computing platforms, data science, and engineering projects. Also a US citizen.

### Technologies worked upon:

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- Data Engineering & Analytics: SQL, Python, Azure Data Factory, IBM DataStage
  - Business Intelligence: Power BI, Tableau, Incorta, Grafana
  - Cloud Platforms: Google Cloud Platform (GCP), Azure, AWS
  - AI/ML: Deep Learning, Machine Learning, Natural Language Processing, Computer Vision
  - Data Governance: Collibra, SecuPi

### Additional Qualification

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- Completed Microsoft Certified: Fabric Analytics Engineer Associate in Jan 2025
  - Completed Microsoft Certified: Azure Data Fundamentals in July 2024
  - Completed Microsoft Certified: Azure AI Fundamentals in June 2024
  - Completed Associate Cloud Engineer (GCP) in Feb 2022

### Work Experience

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KPMG India (G&PS-HHSS, Digital Lighthouse)

Associate Consultant

Mumbai, MH, India/New Delhi, Delhi, India

Feb 2024 - Present

- Data Engineering: Developed 5+ ETL pipelines and 20+ stored procedures to capture business logic and minimize manual intervention for a supply chain project in Kenvue.
- Data Quality & Automation: Developed a Python-based web application to ensure accurate KPI and penalty calculations for three UP Government National Health Mission schemes. Automated workflows reduced manual efforts by over 2 weeks monthly, improving data reliability
- Governance Reporting: Delivered ad hoc, daily, quarterly, and annual reports for convergence schemes of the National Health Authority (e.g., CAPF, CGHS, ESIC, BOCW), ensuring compliance with data reporting standards and enhancing decision-making transparency.
- Data Visualization & Oversight: Designed Tableau dashboards for the National Public Health Observatory, standardizing data access and enabling improved monitoring of public health metrics.
- Stakeholder Collaboration: Partnered with key governmental bodies (e.g., UP Govt's National Health Mission, National Health Authority) to ensure alignment on data governance protocols and reporting frameworks.
- Key Clients: Kenvue, UP Govt's National Health Mission, National Public Health Observatory, National Health Authority
- Technologies: Python, SQL, Power BI, Tableau, Excel

Northern Trust Corporation (Wealth Management Business Unit)

Analyst, Full Stack Software Engineer

Chicago, IL, USA

August 2022 - September 2023

- **Data Governance:** Developed comprehensive data lineages using Collibra, ensuring compliance with data governance best practices and reducing data audit time by 30%.
- **Extract Transform Load (ETL):** Architected data pipelines to migrate on-premises Microsoft SQL Server data to Azure SQL Managed Instance using Azure Data Factory, significantly reducing infrastructure setup time. Developed batch processes on UNIX Server using IBM Data Stage, automating data workflows with Control-M, which minimized manual intervention by 40% to migrate data from various sources to the SQL database.
- **Data Insights Support:** Generated ad hoc reports for essential business functions (research, sales, risk, and compliance), empowering stakeholders with critical insights for strategic planning.
- **Business Intelligence:** Enhanced Grafana dashboards with new metrics that provided clients with actionable insights and automated report generation using Incorta, resulting in a 20% improvement in report delivery times.
- **Technologies worked upon:** Azure, Incorta, Grafana, Collibra, IBM Data Stage, UNIX Server, Control M, Python, Nextjs

Quantiphi Analytics Pvt Ltd (AI/ML Cloud Services Company)  
Business Analyst (Sales Engineer)

Mumbai, MH, India  
April 2021 - March 2022

- **Pre-Sales:** Conducted in-depth market research in the healthcare and life sciences sector for the New York region, developing tailored proposals and presenting proof-of-concept web applications to potential clients, which led to a 15% increase in client conversions.
- **Proof of Concept:** Spearheaded the translation of medical documents into Spanish, Russian, and Hebrew using Google Cloud Translate, enabling a New York-based cancer research organization to expand its services to non-English speaking communities.
- **Client Solutions:** Created impactful presentations for multi-omics data interoperability solutions and telehealth platforms, documenting AI solutions, driving client engagement, and securing key accounts.
- **Mentoring:** Led onboarding and training sessions for new interns, facilitating a smooth transition into project roles.
- **Technologies worked upon:** SQL, BigQuery, Google Slides, Vertex AI

Jio Creative Labs Pvt Ltd (media and entertainment company)  
Data Science Intern

Mumbai, MH, India  
April 2020 - November 2020

- **Web Application Development:** Co-developed an internal client-servicing web app that improved research efficiency, saving the organization over 10 hours per week in manual tasks.
- **Data Collection & Analysis:** Automated the extraction of social media data to build a network graph for client acquisition, providing valuable insights into market trends and client engagement.
- **Data-Driven Insights:** Delivered actionable insights from multiple projects, leading to strategic recommendations for management and marketing teams.
- **XR Development:** Created immersive Extended Reality (XR) mobile applications using Unity and SparkAR, enriching user experiences.
- **Technologies worked upon:** Python (Dash, Pandas, Scikit-learn), Tableau, Unity, SparkAR, C#

## Publications

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- Smart Monitoring System for Housing Societies based on Deep Learning and IoT ([Link](#))
  - vRecruit: An Automated Smart Recruitment Webapp using Machine Learning ([Link](#))
  - Medium Blogs - [Link](#)