

SHIVAM GUPTA

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SUMMARY

Software Engineer & Business Analyst at Capgemini, leading the development of a Generative AI-powered SDLC automation platform. Experienced in translating business needs into 20+ BRDs and 50+ user stories, and coordinating across UI/UX, development, and QA to drive timely releases. Certified in Data Science and AI, with practical experience in predictive modeling, dashboarding, and cloud data pipelines (Azure). Strong focus on LLM-driven tools and role-based agents for accelerating enterprise software delivery.

PROFESSIONAL EXPERIENCE

Capgemini Technology Services India Pvt. Ltd.

Software Engineer/Analyst
July 2024 – Present | Mumbai, India

- Led requirement analysis for a Generative AI-powered SDLC accelerator, streamlining the software lifecycle for **5+ cross-functional teams**.
- Delivered 20+ BRDs and 50+ user stories by collaborating directly with CTOs and business stakeholders.
- Designed and validated AI-driven assistants for:
 - RAG-based document querying and context extraction
 - Code analysis, infrastructure scripting, and language refactoring
 - Role-based task automation (BA, Dev, QA) using multi-agent orchestration
- Conducted **10+ client demos**, iteratively refined documentation based on feedback, **reducing clarification loops by 30%**.
- Oversaw **UAT readiness** and post-deployment validation; flagged and resolved **15+ pre-release issues** across environments.

EDUCATION

Thakur College Of Engineering and Technology, Mumbai, India

Jul 2023

Secured a Bachelor of Technology in Electronics and Telecommunication with Distinction

(CGPA-8.93/10)

PROJECTS

AudioBook Customer Repurchase Prediction – Python, TensorFlow, Scikit-learn

- Built and trained a neural network model with **82% accuracy** to predict audiobook customer repurchase intent.
- Applied feature scaling, early stopping, and data splitting to ensure generalization across unseen data.
- Optimized model using Adam optimizer and sparse categorical loss, enabling strategic targeting for upselling.

2021-tokyo-olympic | Azure Services

- Developed an **Azure Data Factory pipeline** for transforming CSV data, demonstrating proficiency in activities such as copying data from a source to a sink, and performing data transformation using mapping scripts.
- Implemented essential steps including creating a **storage account, containers** for raw and transformed data, authoring the pipeline in **Data Factory Studio**, and validating and publishing the pipeline for seamless data transformation.
- Utilized Azure services such as Azure Data Factory and **Azure Databricks**, along with app registration and storage configuration, to enable data analysis and gain valuable insights from the transformed data.

TECHNICAL SKILLS

- Languages:** Python, SQL, NoSQL (MongoDB), Java
- Frameworks/Tools:** TensorFlow, Scikit-learn, Pandas, NumPy, Power BI, Excel, Tableau
- Cloud Platforms:** Microsoft Azure (ADF, Databricks, Storage), GitHub
- Domains:** Generative AI, Data Engineering, SDLC Automation, Predictive Analytics, Big Data.

COURSES AND CERTIFICATIONS

- Certified in Data Science & Artificial Intelligence – Boston Institute of Analytics
- Python Programming Masterclass – Udemy
- MySQL for data analytics and business intelligence – Udemy

EXTRACURRICULAR ACTIVITIES

- Participate in Multicon-w for Android Game and App Development
- Won College E-sports Tournament