

Rahul Samajpati

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Website Twitter GitHub LinkedIn

Education

BTech in Computer Science & Engineering

Manipal University Jaipur

Expected June 2026

CGPA: 8.41/10.0

Higher Secondary Certificate (12th)

Indus Valley World School

2022

90.2%

Secondary School Certificate (10th)

Indus Valley World School

2020

97.2%

Experience

Summer Intern

Accenture

May - July 2025

On-site

- Built Azure Data Factory pipelines to ingest GitHub API data into Azure Data Lake using Managed Identity
- Transformed data with PySpark in Databricks and integrated outputs with Synapse SQL and Power BI under RBAC
- Automated secure credential rotation using Azure Key Vault and PowerShell with monitoring via Log Analytics

Projects

F1 Race Replay Visualizer

GitHub

Jan - Feb 2025

Python Visualization Project

- Built an interactive Python application to replay Formula 1 races using telemetry data, featuring real-time visualization, playback controls, and driver insights
- Processed and visualized high-frequency race telemetry using FastF1, Arcade, and NumPy with modular UI and data pipelines

Repo-Query - Code-base collaboration platform

GitHub

June - July 2024

Full-Stack Application

- Developed developer collaboration platform using Next.js, JavaScript, and Google's Gemini AI
- Implemented AI-powered code summaries, meeting transcription, and intelligent code-base querying
- Achieved 40% reduction in code comprehension time and 65% improvement in meeting retention

PennyWise - Autonomous Financial Research Agent

GitHub

Oct - Dec 2025

AI / Finance Project

- Built an open-source autonomous financial research agent that plans, executes, and validates deep company analysis using real-time market data.
- Automates stock research workflows by breaking complex financial questions into tasks, fetching fundamentals, and synthesizing insights.
- Inspired by Claude Code but tailored for finance, enabling data-backed investment insights and extensibility via multi-agent LLM architecture.

Technical Skills

- Languages:** C++, Java(OOPS),SQL, Python(Pytorch) • **Tools:** Git, Power BI, Tableau
- Databases:** MySQL, PostgreSQL

Achievements

- Awarded the **Certificate of Student Excellence** by the Department of Computer Science and Engineering, Manipal University Jaipur (2025) for outstanding dedication, commitment, and academic achievement.
- Research Paper Accepted** at the **3rd International Conference on Next Generation of Internet of Things (ICNGIoT-2026)**, Technically Co-Sponsored by **Springer**, for the paper titled *Classification of Brain Tumor Using Deep Learning Algorithms*.

Certifications

- Awarded the **Oracle Cloud Infrastructure 2025 Certified Foundations Associate**