Aaditya Mittal

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PROFESSIONAL SUMMARY

All India Rank 1 of 260+ teams at the Deloitte x ServiceNow HackNow and **Analyst at Deloitte USI**. Results-driven Computer Science graduate (AI & ML, CGPA 9.49) who has delivered 12 integrations and automated 500,000+ annual tickets through REST APIs and workflow automation. Skilled in Python, JavaScript, C++ and SQL, with FastAPI backend services, a scraping pipeline and an LLM-powered app built end to end, and a LeetCode rating of 1630. Led a 7-member team and worked with an international research team across 3 countries.

EDUCATION

JECRC University | Jaipur — Sep 2022 - Jul 2026
B.Tech in Computer Science and Engineering (Specialization: AI & ML) — *CGPA : 9.49/10*
Relevant Coursework: Data Structures & Algorithms (C++), Object-Oriented Programming, Database Management Systems, Operating Systems, Machine Learning Fundamentals, Software Engineering

WORK EXPERIENCE

Analyst | Full-time — Jul 2026 - Present
Deloitte US-India (USI) — *Hybrid · Hyderabad*

- Delivered **6 integrations** (Nexthink and 5 Deloitte-specific apps) through development, Postman testing and UAT, 2 of them also through Architecture Review Board (ARB) review.
- Own **20 integrations** in total: the 12 I built across both roles and 8 taken over from departing developers through knowledge transfer.
- Built a script that identifies downstream platform dependencies, **saving about 4-5 hours of analysis per integration**; used daily by 20+ developers across 50+ integrations.
- Authored technical design documents and ran knowledge-transfer sessions for my integrations.

Technologies / Skills Used : *ServiceNow, Script Includes, Scripted REST API, REST Messages, Workflow Studio, JavaScript, REST APIs, Postman, Business Rules*

Business Technology Analyst Intern | Internship — Jan 2026 - Jul 2026
Deloitte US-India (USI) — *Hybrid · Hyderabad*

- Automated **500,000+ annual ticket creations** with hourly scheduled bots built on custom workflows and Script Includes.
- Delivered 6 integrations on the Platform & Integrations team during a legacy-to-modern ServiceNow instance transformation, each tested with Postman and taken through UAT.
- Built the Cisco ThousandEyes integration (OOTB push connector), the SAP Fieldglass integration (Workflow Studio and spoke) and 4 RPA bot integrations through one Scripted REST API.

Technologies / Skills Used : *ServiceNow, Script Includes, Workflow Studio, REST APIs, Postman, Business Rules*

AI Research Intern (International) | Internship — Jul 2025 - Sep 2025
Iran University of Science and Technology (IUST) — *Remote · Iran*

- Joined a **5-member international research team** (India, Iran, Tanzania) remotely through the IAESTE exchange, working under an IUST supervisor on an applied ML study.
- Implemented and evaluated open-source bot detection algorithms, including BotRGCN and BotHunter, on **1,635 Iranian Twitter (X) accounts** using 14 account features.
- Measured about 65% accuracy, 44% precision and 26% recall over repeated runs, showing how strongly bot detectors depend on the data they are trained on.

Technologies / Skills Used : *Python, Machine Learning, Graph Neural Networks, Model Evaluation*

Head of IT & Data Analytics (IT-DA) | Volunteer — Feb 2025 - Sep 2025
Deputy Head, Incoming Department | Volunteer — Sep 2024 - Sep 2025
IAESTE LC JECRC — *On-site · Jaipur*

- Rebuilt the chapter's malfunctioning website with React and Tailwind CSS, with core fixes, a responsive UI and cPanel deployment, reaching a **91 SEO score**.
- Earned the IT-DA head role by proposing the rebuild plan, then led a **7-member** team while coordinating 40+ chapter members to host 20 incoming international interns.
- Cut onboarding time per intern by **~25%** by digitizing 2 forms so interns completed them before arrival, and by adding a pre-filled draft step.
- Detected a gap in the S-Form process for foreign interns that went against FRRO compliance and fixed it with the FRRO Office, avoiding issues with the Ministry of Foreign Affairs.

Technologies / Skills Used : *React, Tailwind CSS, cPanel, SEO*

PROJECTS

AI Website Summarizer | Website — Apr 2026 - May 2026

Developer

- Built a scraping pipeline using Playwright headless automation for JS-heavy sites and BeautifulSoup4 for clean text extraction.
- Integrated Gemini 2.5 Flash for summarization through a FastAPI backend with streaming responses to minimize perceived latency.

Technologies / Skills Used : *Python, FastAPI, Playwright, BeautifulSoup4, Gemini 2.5 Flash, Vercel*

Anime Face Generator (DCGAN) & Review Paper | Review Paper — Jul 2025 - Nov 2025

Developer

- Trained a DCGAN from scratch in PyTorch on **10,000 anime face images** (64x64) for **1,000 epochs** to generate new character faces.
- Co-authored a review paper (4 authors) on GAN/DCGAN architectures, training stability and mode collapse; presented at the I-LIPS International Conference (2025).

Technologies / Skills Used : *Python, PyTorch, Deep Learning*

Social Media Engagement Tracker - HackNow Project | Demo Video — Jul 2025 - Sep 2025

Solution Architect & Developer

- Won the Deloitte x ServiceNow HackNow (**All India Rank 1** of 260+ teams) with this project, earning the Deloitte internship.
- Built a ServiceNow portal that ingests Facebook and Instagram data via REST APIs (X skipped due to API cost).
- Architected the solution end to end, deciding which APIs to use, the table design, the metrics, the alerts and how often data is refreshed for the monitoring dashboard.
- Wrote **7 Script Includes** and Workflow Studio pipelines that ingest data every 15 minutes, fetching up to 100 interactions per account per run (**~9,600 a day**) within API limits.
- Configured **10+ alerts** across multiple conditions and supported 2 teammates on the monitoring dashboard, giving end users centralized monitoring and replacing manual tracking.

Technologies / Skills Used : *ServiceNow, Script Includes, Workflow Studio, UI Builder, REST API*

SKILLS

Databases :	MySQL, PostgreSQL
Frameworks & Libraries :	FastAPI, Express.js, PyTorch, Playwright, BeautifulSoup4
Web Technologies :	HTML, CSS, React, Tailwind CSS
Languages :	English, Hindi
Programming Languages :	C++, Python, JavaScript, SQL
Soft Skills :	Problem Solving, Time Management, Collaboration, Leadership, Communication
Tools & Platforms :	ServiceNow, Workflow Studio, UI Builder, Scripted REST APIs, Script Includes, REST Messages, CMDB, CSDM, ITSM, Postman, GitHub, Vercel, cPanel, Gemini API

AWARDS & ACHIEVEMENTS

- **All India Rank 1** out of 260+ teams at the Deloitte x ServiceNow HackNow
- Smart India Hackathon (SIH) Prelims: 2nd of 250+ teams (2024) and 10th of 150+ teams (2023)
- **LeetCode rating 1630** (9 contests); 529 problems solved in C++ (334 easy, 179 medium, 16 hard); earned the 365 Days badge
- 700+ problems solved across LeetCode, CodeChef (rating 1392) and Codeforces; 26 contests attended; longest streak 177 days

CERTIFICATIONS

- ServiceNow Certified Implementation Specialist - IT Service Management (ITSM) | Certificate — Sep 2026
- ServiceNow Certified Implementation Specialist - Data Foundations (CMDB & CSDM) | Certificate — Apr 2026
- NVIDIA - AI for Anomaly Detection | Certificate — Aug 2025
- ServiceNow Certified Application Developer (CAD) | Certificate — Apr 2025
- ServiceNow Certified System Administrator (CSA) | Certificate — Apr 2025
- Google - Foundations of Cybersecurity | Certificate — Jan 2024

LEADERSHIP

AI & ML Core Team Member — Nov 2023 - Sep 2024

Google Developer Student Clubs (GDSC), JECRC University

- Anchored the club's orientation session for 200+ attendees.
- Taught Python to 25+ juniors and ran step-by-step demos of basic projects.