

ADITI GUPTA

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EDUCATION

National Institute of Technology, Raipur
Bachelor of Technology in Information Technology

2017- 2021
CGPA – 9.23/10.0

TECHNICAL SKILLS

Languages : GoLang, Python, Jetstream, C, C++, Java, DataWeave, C#

Others : AWS, Protos, Workflows, RPCs, REST API, Git, MuleSoft, Data Protection Manager, Azure Blob, Data Box Gateway, Machine Learning, Deep Learning

Interests : Data Structures and Algorithms, Object Oriented Programming, Operating System

WORK EXPERIENCE

Clumio : Member of Technical Staff July 2022 - Present

- **POCed and Built inventory, microservices** for Azure AD backup solution. Collaborated on various integration with Clumio services, securing BYOK encryption keys, EBAC and created a range of REST APIs.
- **Designed Encryption flow** to ensure secure transmission of customers' ciphertext key for all Clumio data backups encompassing 4 assets for Azure AD, 2 assets for Microsoft 365, MSSQL-EC2 and MSSQL-VM.
- **Designed Metering System** for Azure-AD backup. The system is based on Asset backup count and publishes metering events for Azure AD which has active backups based on count of users, groups, applications and service principals, fetched via Athena queries.
- Designed and implemented a **feature for creating, updating and deleting policies**, including development of API endpoints. Additionally, **created policy flow** to initiate various types of backups (Ondemand, Seeding, etc) and restore.
- Prevented deadlock state in the MSSQL services by **handling semaphores** with optimized approach.

Fanatics E-Commerce (India) LLP: Software Engineer-2 May 2021 - June 2022

- Reduced 44% purchase cost for Mulesoft Application by **migrating Mule applications to cloud** by creating a lambda(in Golang) for its service, using EDI Open Source Library to read and parse EDI 945 .
- Built mule application to **automate date reschedules** received from Dropship Vendors. Created queues and bindings, writing m-units, testing and deploying it to production. This reduced manual effort to process date reschedules by 100%.
- **Comprehensive End-to-End Testing**: Orchestrated thorough testing for new features, micro-services, and endpoints, ensuring robust functionality, seamless integration, and optimal system performance, resulting in a 90% reduction in postrelease issues.

Microsoft India (R&D) Pvt. Ltd: Software Engineer Intern May 2020 - July 2020

- Leveraging System Center Data Protection Manager with Azure Data Box Gateway Device to tier data to Azure cloud.
- Enabling support for Group Managed Service Accounts (gMSA) for DPM.

PROJECTS

Self Driving Car Model

- This project gives a glimpse of a real-world self-driving car. This model is totally based on Nvidia Self Driving Car model. Trained a convolutional neural network (CNN) to map raw pixels from a single front-facing camera directly to steering commands.

ACHIEVEMENTS

- **Winner of VIGYAAN** (IT domain), a national level science exhibition conducted by NIT Raipur in September 2019.
- **1st Runner-Up of VIGYAAN** (IT domain), a national level science exhibition hosted by NIT Raipur in October 2018.
- Advanced to the final round of the coding contest organized by IIT-A(APAROKSHA) and achieved 54th position out of 500+ participating teams in the first round.

PROGRAMMING PROFILES

- **Leetcode** : [aditi_gupta07](https://leetcode.com/aditi_gupta07/) - **GeeksForGeeks** : [aditi_gupta07](https://www.geeksforgeeks.com/author/aditi-gupta07/)

LEADERSHIP

- Head Coordinator, Design Team, **CodeUtsava**- a 28 hour long Hackathon and Manager, Design Team, **TEDx NIT Raipur**, since 2018.
- Volunteer, **Operation Smile**, an organization which provide cleft lip & palate repair surgeries to children.(Sept 2018).