

# ANJALI GOYAL

Software Development Engineer — Microsoft

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## Experience

### Microsoft

06/2021 - Present

*Software Development Engineer*

*Hyderabad, India*

- Full Stack Engineer for Azure Database Migration Service for SQL with over 10k monthly migrations, orchestrating the project's complete lifecycle including data modeling, development and crafting service design.
- Architected and implemented the Oracle Discovery and Assessment Service on Azure Kubernetes Service with Linux support, targeting a 1 billion USD enterprise market - C#, .NET, Bash, AKS, Kafka
- Developed a versatile database assessment framework, now utilized by 4 internal partner teams (PostgreSQL, CosmosDB, MySQL, Oracle) across China, Redmond, and Serbia, enhancing cross-team collaboration and technology integration. It fostered 100% development efficiency as the release timeline for assessment products internally reduced by more than 50%.
- Developed a unified framework for all Azure assessment tools to enhance validation and error handling, achieving an unprecedented 100% SLA compliance for two consecutive months after release - React, Typescript, C#

### JP Morgan Chase & Co.

01/2021 - 06/2021

*Software Engineering Intern*

- Developed an automation test suite for data validation in a cloud-based web application using Selenium Grid, successfully integrating it into the continuous integration (CI) pipeline.
- Enhanced deployment efficiency by 95% within a month through an automated process that triggers the Jules job and emails test results following each development change.
- Diverse tech stack - Java, Selenium, Typescript, Cucumber, Gherkin, Springboot, and NodeJS

### Microsoft

05/2020 - 07/2020

*Software Engineering Intern*

- Designed and implemented Solution Layering Integration tests for synchronization workflows in CRM, enhancing system reliability and performance.
- Contributed to the official Microsoft CDS repository, specifically for Microsoft Dynamics CRM.

## Education

### Birla Institute of Technology And Science, Pilani (BITS Pilani)

07/2017 - 06/2021

*B.E.(Hons.) Electronics and Instrumentation*

Courses - Data Structures and Algorithms, Database Management System, Object Oriented Programming, Cloud Computing

## Technical Skills

Java, C++, React, Javascript, C#, .NET, SQL, Microsoft Azure, System Design, LLM, NoSQL, GraphQL

## Projects

### Auto Code Reviewer - LLM Hackathon | 1st rank in over 600 projects globally

[Source Code](#)

- Developed a GPT-model-based bot for automating PR reviews and categorizing comments by severity, compatible with ADO, GitHub, and Microsoft Teams.

### Portfolio Management using LangChain, LLM

[Source Code](#)

- Developed a Portfolio Management service within Microsoft Fabric using LangChain and Streamlit on LLM, enabling financial advisors to utilize AI for asset management without requiring in-depth AI/ML expertise.

### Classic Simon Game using jQuery

[Source Code](#)

- An interactive Simon Game written in jQuery, HTML and CSS to simulate the classic Simon Memory Game.

## Achievements

Grace Hopper Conference 2023, AZ900 Certification, Lead Atmos - Biggest College Techfest, Ranked #1 in LLM Hackathon, Award of Excellence by Smriti Irani (Govt. of India), Maharashtra State Level Badminton Championship