

# Ananya Menon

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## EDUCATION

### Illinois Institute of Technology

*Master of Computer Science*

Chicago, IL

May 2025

### Dayanand Sagar University

*Bachelor of Technology, Electronics and Communication*

Bangalore, India

Jun 2021

## TECHNICAL SKILLS

**Programming Languages:** C# , C/C++, Java, Python, SQL, Dart, Javascript, Typescript

**Frameworks:** ASP.NET MVC Framework, ASP.NET WEB API, Flask, Angular, Entity Framework Core, React,Flutter

**Developer Tools:** Microsoft Azure, DevOps, Git, ServiceNow, SQL Server Management Studio

**Certifications:** Microsoft Certified Azure DevOps Engineer Expert, Microsoft Certified Azure Developer Associate, Microsoft Certified Azure Data Engineer Associate

## EXPERIENCE

### SOFTWARE ENGINEER INTERN

June 2024 – May 2025

*CDK GLOBAL*

*Chicago,IL*

- Collaborated with the Florida team during CDK's cyberattack recovery, helping restore key systems and deliver production-ready solutions.
- Built a reusable React-based redirect warning dialog for the CRM email client, using CDK's internal UI/UX library to improve external link safety.
- Developed and tested async C# event-driven features for vehicle service and parts lead notifications using AsyncAPI specs, achieving 100% test coverage on the supporting .NET Web API with MSTest and dependency injection.
- Led refactoring efforts to remove legacy NuGet dependencies in the CRM backend, reducing security risks and improving maintainability.

### SENIOR CLOUD ENGINEER

Sept 2021 – July 2023

*LTIMindtree*

*Bangalore, IN*

- Developed and deployed 20+ web applications with Client Chevron using Azure PaaS Services while maintaining application servers, databases, and other resources.
- Investigated root causes for problems that the vendor team had raised, increasing the team performance rate by 40%
- Designed an ASP.NET application that automated weekly load of data, saving over 40 hours of manual work

### GRADUATE ENGINEER TRAINEE

June 2021 – Sept 2021

*LTIMindtree*

*Bangalore, IN*

- Managed a team of 5 people to create an ASP.NET, Angular web application with CRUD and REST API for an in-house online bus reservation system
- Received positive user feedback with a 20% increase in customer satisfaction scores due to the efficient ticket purchase process

### DATA ANALYST INTERN

Jun 2019 – July 2019

*Daily Ninja*

*Bangalore, IN*

- Built a data pipeline to utilize Python and Excel to acquire, prepare, and cleanse large datasets, resulting in a 35% improvement in data accuracy and reliability
- Implemented automation scripts in Python to streamline data preparation tasks, reducing manual effort by 25% and increasing team productivity

## PUBLICATIONS

### Flask Based Web App on Diabetes Prediction Using Machine Learning

Dec 2021

- Developed a comparative study of different classification algorithms models on the Diabetes Dataset to predict if the user has Diabetes and subsequently made a flask-based web app deployed on Heroku
- Resulted in proof that random forests are efficient and provide better accuracy of 81.168%
- **Journal:**Proceedings of the 2nd International Conference on Recent Trends in Machine Learning, IoT, Smart Cities and Applications, Lecture Notes in Networks and Systems 237
- **Link:**[Flask Based Web App on Diabetes Prediction Using Machine Learning](#)