

# ADITI SONAWANE

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## PROFESSIONAL SUMMARY

Highly ambitious tech enthusiast with strong software engineering skills. Experienced in .NET development, SQL databases, and DevOps tools. Proficient in C#, Python, Java, ASP.NET MVC, and REST APIs. Committed to continuous learning and growth while solving real-time problems efficiently.

## EDUCATION

### Master of Science, Computer Science

Indiana University Bloomington, Bloomington, IN

08/2022 - 05/2024

GPA: 3.9/4.0

### Bachelor of Engineering, Computer Engineering

Savitribai Phule Pune University, Pune, Maharashtra, India

08/2016 - 05/2020

GPA: 8.29/10

## TECHNICAL SKILLS

- **Programming Languages:** C#, Python, Java, Javascript, HTML/CSS
- **Databases:** SQL Server, MySQL
- **Frameworks and Libraries:** ASP. Net MVC, REST APIs
- **DevOps and Tools:** Jenkins CI/CD, Git, Rally, JIRA

## WORK EXPERIENCE

### Software Developer Intern, Bloom Insurance, Bloomington, IN

05/2023 - 12/2023

- Specialized in developing and maintaining custom .NET application using the MVC architecture, along with technologies such as C#, AJAX, JavaScript, and HTML, to ensure their smooth functioning.
- Collaborating with SQL Developers to design and implement database objects in a .NET environment and conducting regular code reviews for high-quality, maintainable code.

### Software Developer, Cognizant Technology Solutions, India

11/2020 - 06/2022

- Successfully developed and managed software to create and alter the insurance policy forms and leveraged the knowledge of Agile methodologies, ASP .Net, Entity Framework, SQL Server, Jenkins, GitHub, CI/CD Pipeline.
- Developed various functionalities on user interface to enhance the user experience.
- Designed user stories and instruction manuals for sprint planning.

## PROJECTS

### CI/CD Pipeline using AWS, Indiana University Bloomington

02/2023 - 05/2023

- Built 'CommunityConnect', a cloud-based communication platform for neighborhoods using AWS, enabling seamless communication between neighbors, incorporating features such as high-priority email notifications for important posts.
- Implemented an efficient CI/CD pipeline with AWS CodeBuild, CodeDeploy, CodePipeline, and EC2 for reliable, accelerated code deployment while optimizing costs.

### Sentiment Analysis for Amazon Reviews, Indiana University Bloomington

02/2023 - 04/2023

- Led a team of four in developing a sentiment analysis application using Data Mining techniques and advanced Machine Learning models to accurately predict the sentiment (positive or negative) of Amazon reviews. Achieved a 98% of high test accuracy with DistilBERT.
- Streamlined the deployment of the application on Streamlit, ensuring a seamless and user-friendly experience for end-users.

### Social Network, Indiana University Bloomington

10/2022 - 12/2022

- Developed a social media website for book readers using Content Management System - Sanity and ReactJS.
- Collaborated with a team of 3 to develop features of social media platforms like the Homepage, upload post, like, comment, save posts, search for users, posts, look for posts based on genre, etc.
- Successfully hosted the website using Netlify.

### Data design of Google Play Store Apps for Market Insights, Indiana University Bloomington

11/2022 - 12/2022

- Utilized Google Play Store Apps as the database and identified user groups. Addressed key questions on hiring developers, app success rates, and advertising-app alignment. Applied MySQL, Neo4j, and Python for comprehensive analysis, providing robust market insights and app suitability for promotions.

### Online Bill Payment Portal Using ASP.NET MVC and Entity Framework, Personal

04/2021 - 04/2021

- Developed an application based on the MVC Architecture in ASP.Net along with Entity Framework Code-First Approach.
- Successfully implemented an option for vendors to register their service in the portal and view a list of customers who have selected their service and their payment status. Also provided a facility for customers to choose the payment option from multiple options such as UPI, Debit/Credit card, etc.

### Bank Data Classification using Python-Django Framework, Pune University

08/2019 - 05/2020

- Collaborated with a team of 4 to develop a real-time Classification System for Customer Acquisition, Customer Retention and Loan Prediction using Data Analysis algorithms such as C4.5 and Random Forest.
- Trained the model on existing databases based on the attributes such as Customer Age, Education, Credit score, etc.
- Implemented authentication and security using Django and utilized Python, Django, HTML and CSS to build the system.