Name: Bhargav Diddi

Intake: Fall 2023

Intended Major: MS in Computer Science.

STATEMENT OF PURPOSE

As an enthusiastic Engineer, I have always been driven to find problems, set goals, gather information, analyze it, assess risks, consider potential solutions, and use technology to make qualitative and quantitative problem-solving approaches possible. I also anticipate developing knowledge of business procedures, strategic thinking, and the capacity to meet the challenges of the current international business climate. A master's degree in computer science can help me succeed in this field because it is a field that is developing quickly. I feel prepared to succeed in the subject of **Computer Science** since I have experience working on a variety of projects and have gained a thorough understanding of its focus and business implications.

Coming to my academics, I must mention that throughout my childhood, I had a keen curiosity to know how things work; computers were new at that time, and I was fascinated by them. Thus, I have chosen to pursue my bachelor’s in computer science, majoring in DevOps at Lovely Professional University with an aggregate of 7.23 CGPA. Along with my regular coursework, I also obtained practical experience in the projects during my undergraduate studies. I concentrated on studying through both theoretical and practical application. During my under graduation my capstone project was **Automated Deployment of Web application using CI/CD Pipeline**. The project's goal was to use CI/CD pipeline to deploy a web application to a cloud platform while ensuring that the application is deployed reliably and consistently with each new build, as well as fast and efficiently with the least amount of manual involvement.

I have always been obsessed when it came to web technologies, it led to get my first internship with Cognizant Technology Solutions before completion of my Under graduation. As part of Internship, I designed a project “Online Art Gallery” It was designed utilizing an entity framework Code first methodology using Microsoft SQL Server, CSS, and Bootstrap to generate user interfaces, and ASP.NET MVC to provide RESTful APIs. As a Trainee I have undergone training in various technologies like **C#.Net, ASP.NET MVC, ASP.NET Core WebApi, JavaScript, Angular, REST APIs, SQL Server, and AZURE**, and completed my training as a Programmer Analyst Trainee, and successfully converted as a Programmer Analyst (Full-Time Employee). As a cooperative team player who contributes significantly to a scrum team that creates and tests applications using above technologies, you should have practical database and analysis knowledge, attention to detail, and the capacity to work well under pressure. I’ve also developed a project **Policy Administration System,** this project contains RESTful microservices which are developed using **Asp .Net core WebApi** which are deployed in **CI/CD pipeline** and migrated the Local database to Blob storageusing **MS Azure.** In addition to that the User-Interface for the project is developed using **Angular** and **Bootstrap** which is then deployed to **Azure Kubernetes Service (AKS).**

I met the majority of my friends throughout my undergraduate studies through extracurricular activities. These events included workshops, conversations with accomplished alumni from our university, internship chances with other businesses, and many others. I used to take part in a lot of technical courses and events held by my institution, which helped me develop my communication abilities.

I can establish myself as a valuable addition for any organization with the use of my real-world technological and commercial expertise. I am capable of managing crucial situations, and I am already equipped with the information necessary to finish both on-site and off-site deliverables. I can be a terrific team player and a cogent worker thanks to my analytical and leadership abilities. Aside from my professional skills, I also have extracurricular interests and am able to bring value to daring sports and cultural pursuits. I am overjoyed to enroll in the university's programs, which can help me hone and shape my aptitude and help the program's overall philosophy spread to a mass audience. My main objective is to complete the master's program with more quality. Longer term, I want to start a tech firm where I can employ my current expertise and professional network to contribute to the business's rapid expansion.

I am highly motivated to integrate with the American environment after performing extensive study on the programs and faculty members given by your esteemed college. This would not only support my endeavors but also help me better understand how the American past is related. Not only does your university have a stellar reputation and an enthusiastic staff, but it also gives students an exceptional window into the business world, and its diverse environment has successfully captured my interest. I would be extremely grateful for the opportunity to demonstrate my abilities under the direction of your outstanding staff, and I wish to enroll at your esteemed [Illinois State University](http://illinoisstate.edu/) with the possibility of financial help that is reserved solely for eligible individuals.