

PRASANNA LAKSHMI ALLU

☎ +1 779-699-0338 ✉ alluprasanna1999@gmail.com  <https://linkedin.com/in/prasannalakshmi1999>
 <https://github.com/Prasanna106-Allu>

Professional Summary

Dynamic and results-oriented .NET Full Stack Developer with expertise in developing and maintaining software applications using VB.NET and C#. Proficient in both front-end and back-end technologies including HTML, CSS, JavaScript (including React.js), .NET Core. Good in Azure DevOps. Proven track record of collaborating effectively in Agile teams and delivering high-quality solutions. Passionate about staying updated with the latest technologies and continuously enhancing skills.

Education

NORTHERN ILLINOIS UNIVERSITY

Master of Science in Computer Science

May 2025

Dekalb, IL

VIGNAN NIRULA INSTITUTE OF TECHNOLOGY

Bachelor of Technology in Computer Science

July 2020

India

Technical Skills

Programming Languages : VB.NET, C#, Python, C

Software Development : Object Oriented Programming, Data Structures, Algorithms

Frontend Technologies : HTML, CSS, JavaScript (including React.js)

Backend Technologies : ASP.NET (with VB.NET & C#), .NET Core, Web APIs, RESTful services, SOAP services

Tools & Platforms : Azure, Azure DevOps, Agile methodologies

Databases & Tools : SQL, SQL Server Management Studio (SSMS)

Experience

NORTHERN ILLINOIS UNIVERSITY

Jan 2024 – Present

Teaching Assistant

Dekalb, IL

- Assisted students and enhanced student satisfaction through effective support and guidance.
- Conducted review sessions and provided extra help to students on course topics.
- Instructed in Database, positively impacting student learning outcomes with excellent feedback.

TATA CONSULTANCY SERVICES - .NET FULL STACK DEVELOPER

May 2020 – Jul 2023

System Engineer

Hyderabad, India

- Developed web pages and control pages using VB .NET and C# for back end development ensuring optimal performance, reliability, and scalability.
- Design, implement, and manage Continuous Integration and Continuous Deployment (CI/CD) pipelines using Azure DevOps to automate the build, test, and deployment processes.
- Utilized Azure API Gateway for secure and scalable API management, ensuring optimal performance and reliability.
- Utilized HTML, CSS, and JavaScript (including React.js) for front-end development.
- Created and maintained web APIs, REST APIs, and SOAP services using C# and .NET Core.
- Executed complete development, unit testing, and deployment of code using AZURE, achieving a customer satisfaction rate of above 95%.
- Collaborated effectively in an Agile team of .NET developers for the rapid development of a USA-based Insurance portal.

Projects

House Price Prediction

Jan 2020

Machine Learning with Python

- Developed an application for predicting house prices using machine learning with Python.
- Used various machine learning algorithms including linear regression and decision trees to assess their accuracy in predicting prices.
- Involves data preprocessing, feature selection, model training, and evaluation to provide actionable insights for real estate stakeholders.

Car Rental Website

Oct 2020

HTML, CSS, and JavaScript

- Designed a website for a car rental service, enabling users to browse available vehicles, select rental options, and make bookings online.
- Implemented vehicle listings with filtering and sorting options using JavaScript, allowing users to easily find and view available cars.