Shreya Thakur

Chitkara University

Education

Chitkara University Institute of Engg. Tech. Punjab
B. E. (CSE)
9.23/10   2019

Blossoms Sr. Sec. School, Patiala
AISSCE, Class XII CBSE
86%   2015

St. Peter's Academy, Patiala
AISSE, Class X CBSE
9.8/10   2013

Skills

Languages: C#, Javascript, C++, Java, Python, SQL

Frameworks: .NET Core (up to 8), ASP.NET Core, Blazor

Libraries:React ,LINQ, Entity Framework, NServiceBus, ClosedXML

Clouds: Azure, AWS

Databases: MS SQL Server, MySQL

Tools / Practices: Azure DevOps, Git, CI/CD, Agile (Scrum), Design Patterns, DataBase Design, SOLID Principles

Extra-Curricular

• Part of Organizing committee at Explore'16, the National Level Socio-Cultural fest held at Chitkara University
• **C**o-photographer for the International Model United Nations
• **C**ampus Ambassador at Rendezvous , IIT Delhi.
• **O**rganizer (Media Team) at Explore'16 ,the Annual Socio-Cultural fest of Chitkara University, Rajpura.
• **P**articipated in Photography competition held at , Moksha - The Annual Cultural Fest at NSIT ,Delhi

Work Experience and Internships

Since Apr'24 **Senior Software Engineer** TEKsystems, Bengaluru
Integrated Petroleum Resource Management System
• Collaborated with a client on their Petroleum Resource Management System, delivering 5+ key functionalities related to fuel logistics, financials, and operations, improving operational efficiency by 30%
• Led responsive and dynamic UIs using React, leveraging hooks, Context API, and reusable components to streamline fuel logistics and financial workflows; integrated REST APIs from .NET Core backend, enhancing user experience and maintainability.

Mar'20-Apr'24 **Software Engineer** TEKsystems
•Developed Azure-based web applications using .NET Core 8 and Azure DevOps, achieving 25% faster deployment cycles through Infrastructure-as-Code and automated CI/CD pipelines.Fluent UI and Blazor for a seamless user experience.
• Leveraged Azure Services for serverless workflows, reducing operational overhead by 20%, and integrated document automation with Microsoft Graph API and SharePoint, saving 15+ dev hours/month.
• Automated reporting workflows with ClosedXML for exporting grid data to Excel files

Data Processing & Reporting System
• Developed frontend components with Telerik and Kendo for MVC, enhancing user interactions and implemented a reusable module for Excel data uploads related to petroleum and fuel.
• Orchestrated backend processing with .NET, leveraging LINQ and the Entity Framework:
    • Executed data analysis based on specific business logic
    • Automated report creation & email delivery with attachments
• Achieved recognition for crafting reusable components integrated into various features, demonstrating efficient code practices.

Enterprise Data Integration and Reporting Platform
• Spearheaded the development of a web application using Blazor Server and .NET for automated data handling and report generation.
• Managed integrations with third-party APIs for reliable data sync.
• Integrated business logic to process data and generate reports, stored in Azure Blob Storage and automated emails to users.

Aug'19-Mar'20 **Associate Software Engineer** TEKsystems, Hyderabad
• Developed multiple POCs using NServiceBus and LINQ for backend processing, with a Telerik Kendo frontend
• Designed and executed a POC for an e-commerce flow, enabling product additions to carts, user checkouts, and order processing through a messaging queue system

Jan-May'19 **Associate Software Engineer Internship** TEKsystems, Hyderabad
• Contributed to "Sparsh" ERP by developing Admin/Customer portals with React Native (Android) and managing Node.js backends for seamless integration.

Achievements

'2022 **Awarded a key client accolade for consistently delivering top-quality projects ahead of schedule, showcasing commitment to excellence**

'2021 **Recipient of TEKsystems' Distinguished Performer - '2021 accolade, recognizing top-tier achievements and dedication.**