

# Srushti Chauhan

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## Professional Profile

Full-stack developer and data analyst with 4.5+ years of experience delivering scalable web applications and data-driven insights. Skilled in .NET Core, Angular, Azure DevOps, and SQL Server. Adept in Agile methodologies and cross-functional collaboration. Passionate about clean code, automation, and remote-first development environments.

Proven ability to work independently in distributed teams across time zones.

- **Software Architecture/Development, Deployment**

- Designed application framework for multiple applications, continuously involved in developing and managing code through Source control's features like branching and pull requests, Deployed web applications using Azure DevOps.

Data migration involves assessing the current data, planning the migration process, mapping and transforming data, testing for accuracy and completeness, executing the migration, and validating the migrated data in the new system. Effective communication and collaboration among stakeholders are crucial throughout the project to ensure success and minimize disruption to operations.

- **Agile Methodology**

- Worked on agile methodologies like sprint grooming, sprint planning, sprint updates, and sprint retrospectives.

- **Client communication**

- Involved in client communication for several purposes like sprint grooming, sprint planning, stand-up meetings, requirement understanding, and managing project tasks.

## Technical Skills

- C# .NET
- Angular
- JavaScript
- HTML/ CSS
- Telerik Reporting
- SQL
- ETL Development
- Advanced Microsoft Excel
- AWS
- GitHub
- Python
- Machine Learning
- Deep Learning
- Data Modeling
- R

## Work Experience

AI Software LLC – Troy, MI, USA (Remote)

Jan 2023 to Present

### Projects

**Industry:** Benefit (Domain: Benefit, Contribution, Healthcare)

**Project:** Solxsys

**Position:** Full Stack Developer

**Environment:** .Net platform, Angular, AngularJS, SQL Server, Azure

- Conducted and participated in requirement specification meetings.
- Involved in technical analysis as well as in creating UI mock-ups for the same.
- Designed, developed, and managed end-to-end applications in Angular, .Net Core, Azure, SQL Server, Typescript, JavaScript, C#, Telerik Kendo UI.
- Followed and helped people to follow agile methodologies using SCRUM to manage and deliver projects.
- Responsible for code quality.
- Handled project code's scalability and reusability.
- Responsible for gathering requirements and documenting it. Developed and maintained features in front-end and back-end using Angular, .Net Core and SQL server.
- Implemented Azure CI/CD pipelines reducing deployment time by 40%. Responsible for maintaining code quality.
- Responsible for coordinating with offshore team members.
- Created automated and ad hoc reporting solutions, improving data delivery speed for business users as well as scheduled reports that will run via jobs.

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## Data Analyst - Capstone Project

Saint Peter's University - Jersey City, NJ

Sep 2022 - Nov 2022

**Project:** Finance and Stock Price Analysis and Predictions

**Tools and technologies:** Python, Deep Learning Model, Streamlit, Jupyter Notebook.

- Led a team of four graduate students to perform Exploratory Data Analysis to understand the trends and flow of stock prices in the market. The raw dataset for this project was built using 3 Million data points collected using Yahoo finance API.
- Performed time-series analysis using LSTM deep learning model to predict the stock prices for next 30 days based on past 1 year of data.
- For this project, I have done some analysis of data and done some visualizations for better understanding of data and then do some data cleaning (null and duplicate value check and fix and check for outliers) also I have done some EDA (Exploratory Data Analysis) and then divide the data into train, test, and validate sets and using some machine learning algorithms I tried to predict the sales.

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## Data Analyst - Graduate Student Project

Saint Peter's University - Jersey City, NJ

Jun 2022 - Aug 2022

**Project:** Sentiment Analysis on Social Media Application (Reddit)

**Tools and technologies:** Python, Machine Learning Model, Natural Language Toolkit, Tableau.

- Conducted Exploratory Data Analysis on large datasets and designed dashboards to showcase the on social taboo disease.
- Achieved high accuracy in predicting task types with classification models in Python scikit-learn.
- Identification of useful data (minimizing noise in data by eliminating dirty data) and common biases by applying data mining techniques.
- Used Python Natural Language Toolkit to clean text data for visualization of text mining results with Word Cloud, and utilized unsupervised machine learning algorithms for getting better predictive accuracy.

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## Graduate Research Assistant

Saint Peter's University - Jersey City, NJ

Mar 2022 - May 2022

**Project:** Predictive Policing

- Data from past crimes, including crime types, locations, date and time were fed into a machine learning algorithm to identify targeted city blocks with a daily forecast of crime using Python.

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## Aagite Technologies - INDIA

Jul 2018 to Dec 2020

- Analysed, evaluated, designed, and developed new web and database end-to-end applications in Angular, .Net Core, Azure, and SQL Server.
- Completed analysis, design, and testing phases of software development life cycle.
- Resolved web and software compatibility and interface design issues.
- Identifying project requirements, Leading project, Part of a team.
- Played a key role in communicating with clients to track the progress of ongoing development.
- Perform documentation, Conduct training and E-learning modules.
- Followed and helped people to follow agile methodologies using SCRUM to manage and deliver projects. Advising and new learning. Build complex queries, cursors, and stored procedures in SQL.

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## Education

**Master of Science**, Data Science

Jun 2021 – Nov 2022

Saint Peters University, USA

GPA 3.8

**Bachelor of Engineering**, Information Technologies

Jun 2014 - May 2018

Gujarat Technological University, India

CGPA 7.3