

Tanmay Sheoran

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EXPERIENCE

• Equipped Analytical Intelligence

Noida, India

Software Engineer II

October 2022 - Present

- **Streamlined Client Audit System:** Designed and developed an audit system for all client records. (Technologies Used: C, Python, Durable Azure Functions)
- **PowerPoint Generation Engine:** Developed a PowerPoint engine to generate presentations dynamically. The system is smart enough to create sections based on the given data and configuration on its own. Thus, new PowerPoints can be generated according to the client's needs without dedicated development. (Technologies Used: C)
- **Centralized Excel ETL System:** Designed and developed a centralized ETL process for Excel, where one can configure the template in the database, and Excel is processed accordingly. This helped reduce the development required for each new template provided by the client since any new template can be configured. (Technologies Used: Python)
- **Implemented Deep Learning Models:** Collaborated with data analytics team to implement deep learning models for revenue prediction, outlier detection, and sentiment analysis using Minerva.
- **Automated Invoice Classification:** Developed CNN model to automatically classify invoices, reducing manual effort and increasing classification accuracy by 95%.
- **Led Client-Specific Module Development:** Led the development and delivery of modules for client-specific requirements, leading a team of 2-4 people.
- **Architectural Discussions:** I have actively engaged in architectural discussions pertaining to the development of innovative modules for the project.
- **Facilitating Inter-Team Module Integration:** I have effectively partnered with cross-functional teams to seamlessly integrate their developed modules into our system.

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Software Engineer I

March 2021 - October 2022

- **Internal Client On-boarding Platform:** Solely created platform for client on-boarding, including SQL database structure, REST, C# APIs, and Blazor C# UI, reducing manual entry time to minutes.
- **Azure Function for Blob Storage:** Created Python-based Azure Function (gRPC) for transactions on Azure Blob Storage, reducing database calls by 20%.
- **Serverless File Processing Architecture:** Designed and developed serverless architecture for asynchronous processing of uploaded financial files, implementing backup processes for handling downtime/issues (ETL Process).

SKILLS SUMMARY

- **Programming Languages:** Python, C#, JavaScript
- **Libraries:** TensorFlow, PyTorch, Pandas, Express.js
- **Frameworks:** .Net6.0, Entity Framework
- **Query Languages:** SQL, Gremlin QL
- **Database:** Microsoft SQL Server, Azure Document DB, Azure Gremlin API (CosmosDB), Mongo DB
- **Developer Tools:** Git, Anaconda Navigator, Jupyter Notebook, VSCode, Visual Studio
- **Cloud Platforms:** Microsoft Azure
- **Good At:** Googling

CERTIFICATIONS/ COURSES

- **Natural Language Processing with Attention:** Coursera
- **Deep Learning Specialization:** Coursera
- **TensorFlow Developer Professional Certificate:** Coursera
- **TensorFlow Data and Deployment Specialization:** Coursera

EDUCATION

• S.R.M Institute of Science and Technology

Chennai, India

Bachelor of Technology in Aerospace

July 2016 - May 2020

HONORS AND AWARDS

- Was awarded **Employee of the Month** for working solely on end-to-end application of an admin portal to manage clients.
- Was awarded **Values Award** for taking ownership of my modules and developments and following up with team members to complete the given work on time with the highest quality.