# Satyam Patel
## Implementation Consultant

**I am a detail-oriented professional with a love for automation, history, and language, seeking to apply my combined expertise in Software Engineering and Business Analysis. My understanding that automation will reshape all industries informs my forward-thinking approach. My goal is to be a versatile, skilled, and confident contributor in any team. With an unyielding drive for learning and adaptation, I am prepared to make meaningful contributions in a role as an Implementation Consultant.**

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## EDUCATION:

**Lehigh University-** Bethlehem, PA                                    **Graduated: May 2023**
**Major:** Computer Science and Business

**SKILLS**: Machine Learning, Agile Principles, Microsoft Office (Excel, PowerPoint, PowerBI), Database Management (SQL, MySQL), Java, Web Development (JavaScript/TS, HTML, CSS), Python, Tax, RESTful API

## WORK EXPERIENCE:

**Full-Stack Software Engineering Intern**                              **Sep 2022 – Jan 2023**
Balanced Tiger
- Developed a retail prediction system using Springboot and **MySQL**, leveraging a user-friendly web interface to visualize data.
- Utilized TensorFlow to create **machine learning** models that forecast product demand and customer behavior based on historical data, improving inventory management, and enhancing customer experience.
- Implemented MongoDB as a **NoSQL** database to store unstructured data, facilitating greater flexibility and scalability.

**Business Analyst Intern**                                            **June 2021 - Aug 2021**
KPMG Prague
- Conducted extensive industry research and developed detailed reports on the global advancement of the Telecommunications department, particularly in the field of 5G connectivity, aiding strategic decision-making for key stakeholders.
- Leveraged data analytics with **MS PowerBI** to anticipate market trends and provide strategic recommendations for client investment, leading to enhanced market preparedness and competitive positioning.
- Collaborated with cross-functional teams to align investment strategies with market trends and client objectives, fostering a unified approach to achieving business goals.

**Accounting Intern**                                                  **June 2019 - Aug 2019**
B.P. & Associates
- Leveraged Quickbooks and GNUCash to generate pay-stubs and paychecks for various companies in the Lehigh Valley region, enhancing their payroll management efficiency.
- Assessed and recorded income tax, self-employment tax, and excise tax calculations for diverse companies, ensuring accurate **tax compliance**.

## RELATED EXPERIENCES: (also on https://sbpatel.dev)
**'History-Walker' App**: Full-Stack History Project
- Developed a Docker-based **web application** for interactive history timeline.
- Utilized a microservices architecture with a **Python** backend and a MySQL database.
- Used the FastAPI framework in Python backend for rapid RESTful API development and performance.
- Leveraged Docker Compose for the configuration and orchestration of the multi-container application.

**AI-Driven Stock Portfolio Manager**: GPT-Inspired Project
- Designed and developed an AI-powered stock portfolio management system using Python, leveraging libraries such as TensorFlow, Pandas, Langchain and OpenAI to provide an in-depth analysis of stocks and associated markets.
- Utilized a microservices architecture with a Python backend and a MySQL database.
- Used the FastAPI framework in Python backend for rapid **RESTful API** development and performance.

- Leveraged Docker Compose for the configuration and orchestration of the multi-container application.

## CLUBS/ORGANIZATIONS:

**South Asian Students Association (SASA) -** Lehigh University                    **May 2021 - May 2022**
President
- Worked alongside the executive board including the 200+ members to promote South Asian culture through campus-wide events such as Diwali, Holi, and Garba.
- Collaborated with other cultural clubs in major events throughout both semesters.

**Creatives of Lehigh (Photography Club) -** Lehigh University                    **May 2020 - Jan 2022**
Co-Founder
- Assisted in creating the club constitution and creating links to other clubs and college organizations.
- Planned creative photography events for increased community building and connections.