

# PIYUSH GAUTAM

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## Education

### Arizona State University

Aug 2024 - Dec 2025

Master of Science in Business Analytics (GPA: 3.92/4.0)

*Coursework: Enterprise Data Analytics, Advanced Marketing Analytics, Analytical Decision Modeling, Investment Strategies, Managerial Finance, Derivatives*

### Savitribai Phule Pune University

Aug 2016 - Nov 2020

Bachelor of Engineering in Computer Engineering (GPA: 7.24/10)

## Skills

**Programming Languages:** Python, Java

**Data & Analytics Tools:** Tableau, Power BI, SQL (MySQL, Oracle), Amazon SageMaker

**Enterprise Technologies:** TIBCO, SAP, EMS, Angular

**Project & Collaboration Tools:** Git, Atlassian Suite, Power Automate, MS Office

**Areas of Knowledge:** Business Analysis, Data Visualization, Data Management, Time Series Analysis, Financial Analysis, Marketing Analytics, Project Management, Agile Methodologies, SDLC

## Work Experience

### Virtusa Corporation

Pune, India

*Software Engineer*

May 2023 - Jul 2024

- Collaborated with business stakeholders to translate complex data integration needs into detailed functional specifications.
- Implemented and transformed data for critical enterprise systems (SAP, Salesforce, IBM MQ) to ensure robust integration.
- Successfully delivered 8+ integration systems and led the decommissioning of a legacy system, achieving a 30% cost reduction.
- Recipient of the "Performance Excellence Award 2024" for outstanding client deliverables and efficient project execution.

### Capgemini Technology Services

Pune, India

*Associate Consultant*

Jan 2020 - May 2023

- Oversaw e-commerce platform development projects for APAC/EU clients, ensuring flawless delivery of interfaces and complex data workflows across multiple production releases
- Authored BRDs and FRDs for API development in Agile sprints, defining data structures and ensuring precise stakeholder alignment.
- Facilitated UAT sign-offs for monthly production releases, verifying end-to-end data flow and transformation accuracy within integration systems across environments.
- Orchestrated meticulous rollback plans for go-live deployments, significantly mitigating risk and ensuring business continuity.

## Projects

### License Plate Detection for ASU

Mar 2025 - May 2025

- Led requirements analysis and collaborated on the design of a computer vision-based license plate detection system using YOLOv8 and PaddleOCR, reducing manual patrol effort by 70%.
- *Tools: Python, YOLOv8, PaddleOCR, OpenCV,*

### Target and Walmart Review Analysis

Jan 2025 - Mar 2025

- Designed an AI-powered system to help Walmart and Target identify at-risk stores, reduce revenue loss, and enhance operations using customer review insights.
- *Tools: Python, Yelp Dataset*

### ChatGPT Positioning Strategy

Jan 2025 - Mar 2025

- Conducted user segmentation and competitor analysis to evaluate OpenAI's API pricing; developed tier-based monetization models to improve revenue potential and user conversion.
- *Tools: Python, Enginius*