

Snehal Thorat

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EDUCATION

The University of Texas at Arlington | M.S., Computer Science - **3.9 GPA**
Savitribai Phule Pune University | B.E., Information Technology – **3.7 GPA**

Jan 2024 – Dec 2025
Aug 2017 – Jul 2021

PROFESSIONAL EXPERIENCE

PAYCOM – Software Developer Intern, TX, USA

May 2025 – Aug 2025

- Developed and maintained a full-stack analytics dashboard using React, Next.js, and Node.js, enabling real-time data visualization and insights.
- Designed and integrated RESTful APIs and database schemas in MySQL, ensuring efficient data retrieval and optimized backend performance.
- Implemented TypeScript for enhanced code quality and reliability, reducing runtime errors and improving maintainability across the codebase.

ENCORA INC. – Business Intelligence Developer, PUNE, IN

Mar 2023 – Jan 2024

- Led the development and maintenance of complex data models and ETL processes, optimizing data organization and retrieval. Used advanced techniques to uphold data integrity.
- Successfully implemented a suite of six industry-leading tools for Business Intelligence and Data Engineering - Snowflake, Looker Snap Logic, Symmetric DS, Ansible and JIRA
- Provided ongoing support to stakeholders, quickly addressing data needs and resolving issues, which augmented the reliability and effectiveness of BI solutions.

ACCENTURE – Software Developer, PUNE, IN

Jul 2021 – Jan 2023

- Developed comprehensive application solutions to address operational, data, and security challenges using Java, C#, SQL, and REST APIs, creating robust algorithms and applying best practices.
- Launched an enhanced solution framework leveraging Spring Boot, .NET, and Git to streamline development processes and amplify team efficiency.
- Revamped framework improved system reliability and performance monitoring (Splunk, JIRA), leading to higher customer satisfaction.

ACADEMIC PROJECT EXPERIENCE

Movie Ticket Booking Web Application | MongoDB, ExpressJS, ReactJS NodeJS –

- Developed a movie ticket booking application using the MERN stack, achieving a 50% reduction in load times. Integrated secure payment gateways and seat selection features, enhancing user satisfaction by 35%.
- Optimized database queries, leading to a 20% improvement in transaction processing speed.

Store Inventory Prediction System | Python, Machine Learning, Data Modelling and Data Analysis –

- Achieved a 96% accuracy rate in analyzing and forecasting the store's inventory by developing and deploying a machine learning model. Performed Data visualization to understand the trends.

TECHNICAL SKILLS | CERTIFICATIONS

Programming languages: Java, Python, C++, JavaScript, HTML, CSS, PHP, React

Tools: Snowflake, Looker, Snap logic, Visual Studio, GitHub, Jira, Confluence, ServiceNow, Tableau, Docker

Cloud: AWS, Azure Cloud services

Databases: SQL, MySQL, PostgreSQL, MongoDB, GraphQL

Certifications: Microsoft certified Azure AI Fundamentals

AWARDS | RECOGNITION

- Received a fast-track promotion at Accenture based on exceptional performance
- Achieved Dean's List recognition during undergraduate studies for academic excellence.

VOLUNTEER | LEADERSHIP EXPERIENCE

National Service Scheme (NSS - Social Organization) Volunteer.

Technical Event Head – University Fest.