

# SANAM PALSULE

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## EDUCATION

### New York University (Courant Institute of Mathematical Sciences & Stern School of Business)

Masters in Information Systems

New York, USA

Sept 2023 - May 2025

Relevant coursework: Fundamental Algorithms, Database Systems, Foundations of Finance, Cloud Computing

CGPA- 3.78/4.0

### Pune Institute of Computer Technology

Bachelor of Engineering, Computer Engineering

Pune, India

June 2017 - June 2021

Relevant coursework: Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Computer Networks, Data Analysis, Data Mining and Warehousing

CGPA - 9.16/10.0

## TECHNICAL EXPERIENCE

### Salesforce

Bangalore, India

#### Associate Technical Consultant - Software Developer

April 2022 — Aug 2023

- Designed, developed software solutions using LWC, APEX and JS by working on sales and service cloud that empowered clients to streamline their business processes and increased their **ROI by 25%**.
- Streamlined Data Migrations to ensure smooth conversions from one instance to another by carrying out data cleansing, validation, and mapping, ensuring preservation of **100% data integrity**.
- Leveraged Tableau CRM Einstein Analytics studio to analyze data, uncover insights, build dashboards, enabling data-driven decisions which determined the TAT (Turn Around Time) of several project modules, increasing the software's efficiency by 75%.

#### Jr. Associate Technical Consultant - Software Developer

Aug 2021 — April 2022

- Automated CRM business processes by working on Salesforce Process Builder, Flow & integration/ETL technologies resulting in **30% reduction** in Turnaround Time
- Collaborated with clients and co-ordinated with 3+ cross-functional teams, to facilitate business processes and make sure projects were delivered on time, reducing client escalations by 35%.

### Panalink Infotech Limited

New Delhi, India

#### Project Intern

June 2019 — Aug 2019

- Design, code, test, and debug features of chatbot for AI based mobile application for college help-desk used by 5+ colleges in the city by using APIs, Google Dialog Flow and Android Studio along with intents and entities to train it.

## PROJECTS

### Cloud Native Inventory Application | Azure, Docker, Kubernetes, PostgreSQL

Jan 2024 -Feb 2024

- Developed a cloud-native application with 2 microservices - a Node.js/Express.js back-end service & Next.js front-end web service.
- Containerized both the microservices using Docker for portability and scalability and published Docker images to DockerHub.
- Utilized **Sequelize & Prisma** object-relational mappers to interface the microservices with **Azure PostgreSQL** datastore.
- Scaled the application by leveraged capabilities of Azure cloud - App Services, Container Registry, **AKS** using Ingress Routing.

### Reader's Cove | Python, MySQL, Flask, HTML, CSS

Oct 2023 - Dec 2023

- Developed a dynamic and user-friendly Bookstore Management System using Python and Flask, creating an intuitive web portal with HTML, CSS, JS to browse the bookstore inventory, place orders, and track order history.
- Employed over 4 models for book rating prediction, used Random Forest with **98.55%** accuracy, aiding admin decisions on restocking.
- Engineered a robust recommendation utilizing K-means clustering analyzing user preferences for 5 personalized book suggestions.
- Integrated MySQL and implemented ORM mapping with SQLAlchemy for efficient database interactions.

### Project Management Application | Java, Google Firestore, Android Studio

June 2020 - Sept 2020

- Developed an android application using Android Studio, Java and Google Firestore that helps in the distribution and allocation of work for any project and helps in tracking the progress of the project periodically.
- Facilitated the assessment of ongoing and upcoming projects by creating a visual representation and checking if it adheres to the software development cycle.

## SKILLS AND CERTIFICATIONS

### Certifications

Salesforce Administrator, Platform Developer 1

### Programming Languages

Java, C++, Python

### Technologies and Tools

Analytics Studio, Tableau CRM, Postman, Salesforce Admin, Machine Learning, NLP

### Development

React, Android Studio, Apex, LWC

### Databases

MySQL, MongoDB, NoSQL, PLSQL, PostgreSQL

## ACHIEVEMENTS AND LEADERSHIP

- Achiever's award - Salesforce** for the month of January. Jan 2023
- Lectured a class of 30+ students twice a week on Java and OOP under SIGs (Student Interest Groups) July 2018 - June 2021
- ACM - PICT** Core Committee Member: Nov 2018 - June 2021
  - Led a team of 50 women in computing, organized the annual tech fest "by women, for all" and coordinated various aspects such as logistics, marketing, and communication to ensure their success.