

# NISHIGANDHA PATEL

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## EDUCATION

**Northeastern University, College of Engineering** | *Boston, MA*

Master of Science in Information Systems

Aug 2024

GPA: 3.5/4.0

**Savitribai Phule Pune University** | *Pune, India*

Apr 2020

Bachelor of Computer Engineering

GPA: 8.11/10.0

## TECHNICAL SKILLS

**Languages/ Database:** C, C ++, Java, Python, .Net, SQL, HTML, CSS, JavaScript, UML

**Tools and Operating System:** NetBeans, IntelliJ, VS Code, Eclipse, MySQL, Oracle, Git, Visual Studio, Windows, Linux

**Libraries and Frameworks:** Swing, Spring MVC, ASP.NET, SpringBoot, NumPy, OpenCV, Turbo, Data Structures and Algorithm, Design Patterns

## WORK EXPERIENCE

**Zensar Technologies** | *Software Engineer* | *Pune, India*

Dec 2020 – Aug 2022

- Resolved critical issues for T-Mobile related white glove fees and received appreciation from clients.
- Handled daily requests like cancel offers Web service call failure issues, removing offers from ship-out cart.
- Worked on priority issues like DLM decision triggering, event processing, backdate to pricing, trade-in disposition issues with data fix and code fix for servers like MAXVALUE, ALP, OPTUS, CLARO, VISIBLE, SPECTRUM and T-Mobile.
- Prepared POC with Angular framework using RESTful API for CRUD operations.
- Performed reconciliation of processes, data fixes on the servers, root cause analysis on bugs, job monitoring, running the script on the server through one-shot, and testing the scripts.
- Supported working flow in system servers, dataflow, processing different kinds of events.
- Worked on object oriented programming or web based applications from browser through back-end to database using technologies like (Java, C#, HTML, CSS, Bootstrap).
- Used version control tools like Git to manage and implement changes to programs.

**Tata Strive** | *Android App Developer - Internship* | *Pune, India*

Oct 2020 – Dec 2020

- Designed user interface components like-Views, layouts, Buttons, Dialog Boxes to produce immersive experiences.
- Employed Simple Object Access Protocol (SOAP) and Representational State Transfer (REST) Application Programming Interfaces (APIs) to facilitate data transfers and to provide seamless communications between applications.
- Successfully integrated push notifications into apps to improve user experience through direct engagement.

**Zensar Technologies** | *Intern* | *Pune, India*

Jun 2019 – Aug 2019

- Hands-on experience on technical programming languages like Java, C, CPP, Python along with MySQL database.
- Worked on of Constructor, Inheritance, Polymorphism, File handling, and Types of array.
- Trained Logic development for coding, testing - Unit testing, Integrated testing, Black-Box testing, White Box testing.

## ACADEMIC PROJECTS

**Covid Testing and Vaccination Scheduler** | *Java, Java Swing, NetBeans, DB4O*

Oct 2022 – Nov 2022

- Built a system model with features like enterprise roles, patient's vital signs records, order distribution, scheduling, testing and CRUD operations to ease registration process of patient shelter application depicting Object-Oriented Design principles.
- Strengthened database system by DB4O as it works as a single entity object with almost 100% accuracy.
- Designed user-friendly and appealing GUI for system through JAVA Swing.

**Smart Attendance System** | *Python, MySQL, Haar Cascade Algorithm*

Sept 2019 – Mar 2020

- Developed attendance system using Image acquisition, Face Detection, Feature Extraction, and Face Recognition which helps to mark class attendance by capturing the image of the class using an android smartphone.
- Provided dataset to train application using best human strategy possible through teamwork in order to achieve 95% accuracy.

**Bus Reservation System** | *.NET Core, MySQL, HTML, CSS, Bootstrap, MVC*

Feb 2020 – Mar 2020

- A desktop-based application aimed to give users the ability to reserve seats and process payments for their reserved seats.

## PAPER PUBLICATIONS

- A Survey Paper on various Smart Attendance Systems (International Journal for Research in Applied Science & Engineering Technology IJRASET | Volume 7 Issue: XI, Nov 2019, ISSN: 2321-9653)
- Implementation of Smart Android Based Attendance System Based on Face Recognition (International Journal of Scientific Research in engineering and management IJSREM | Volume: 04 Issue: 09, Sept 2020, ISSN: 2582-3930)

## CERTIFICATIONS

|                                    |                                     |  |
|------------------------------------|-------------------------------------|--|
| IBM – Machine Learning with Python | TCS – Computer Networks             | Red Hat Certified System Administrator   |
| IBM – Python for Data Science      | TCS – Financial Literacy            | Java Programming Concepts – Expert Level |
| IBM – Cyber Security Fundamentals  | Microsoft Azure Fundamentals AZ-900 | Cloud Computing Concepts                 |