

# Nish Patel

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## EDUCATION

2020 - 2024	B-Tech in CSE at <b>Manipal Institute of Technology, Manipal, Karnataka</b>	(GPA: 8.03/10)
2020	Class 12th CBSE	(92%)
2018	Class 10th CBSE	(84%)

## TECHNICAL SKILLS

**Languages:** Python, C/C++, SQL, PL/SQL, HTML/CSS, JavaScript

**Frameworks:** Django, Oracle REST Data Services(ORDS), Oracle APEX, Oracle VBCS

**Tools:** Git, Oracle Cloud, Jupyter Notebook

## EXPERIENCE

### Associate Consultant - TechCloud

Oracle GSC, Bangalore, India

08/2024 – Present

- Developed a document automation solution using Oracle APEX, reducing manual editing time by 30% and improving document accuracy.
- Implemented token replacement logic and integrated Oracle Cloud Object Storage for efficient file management.
- Built the Automated Review Tool (ART) to evaluate Visual Builder Applications and Oracle Integrations against security, best practices, and performance standards.
- Developed ART's backend using Python, Oracle Cloud Object Storage, and REST APIs, reducing manual review effort by 70%.
- Automated compliance checks and report generation, enhancing review efficiency with structured Word and Excel outputs.

### Data Engineering Intern

Qatar Computing Research Institute, Doha, Qatar

06/2023 – 07/2023

- Analyzed Mendelian Randomization (MR) techniques to investigate causal relationships using genomic datasets.
- Developed a Python library for MR analysis, enhancing data processing and visualization workflows.

## PROJECTS

### Python-MySQL based DBMS

- Developed a relational model based on the EER diagram, implementing an interactive Python3 CLI for CRUD operations, improving data management efficiency.

### Linux-C Shell

- Developed a Linux-based shell in C, offering features such as input/output redirection, piping, and signal handling for enhanced user control.

### Implementation of Pipelined Protocols

- Developed a client-server interface using socket programming, implementing Go-Back-N and Selective Repeat protocols to handle network reliability issues.

### Online Bus Booking System

- Created an online bus booking website using Python, Django, and HTML/CSS, incorporating user authentication and real-time seat availability.

## RELEVANT COURSEWORK

- Data Structures and Algorithms
- Object Oriented Programming
- Cloud Computing
- Big Data
- Database and Management Systems
- Software Testing and Analysis