# Ayan Patel

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## Education

**University of Southern California, Los Angeles, CA** *2022*
MASTER OF SCIENCE (M.S) IN COMPUTER SCIENCE

**Gujarat Technological University, India** *2019*
BACHELOR OF ENGINEERING (B.E) IN COMPUTER ENGINEERING, CGPA 9.19/10

## Skills

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|---|---|
| **Programming Languages** | Java, TypeScript, JavaScript, HTML, CSS, Python, C, SQL |
| **Libraries and Frameworks** | Angular, Angular Material UI, RxJS library, Bootstrap, ReactJS |
| **Tools and Technologies** | MS Excel, MS Powerpoint, MS Word, GIT, Java J2EE, Oracle Database 11C, Visual Studio Code  Team |
| **Organizational Skills** | Work, Multitasking, Public Speaking, Strategic Thinking, Problem Solving |

## Work Experience

**Wipro Ltd., India** *July 2019– Nov 2021*
PROJECT ENGINEER
**Client**: Government of Gujarat **(GOG)**
**Role**: Frontend Developer
**Description**: The Finance Department intends to automate the financial process of the GOG. The software solution is envisioned to have integrated modules like Budget Preparation, Grant Distribution, Receipt and Expenditure Management, Directorate of Pension & Provident Fund **(DPPF)**, e-Refund for monitoring & reviewing the financial matters of the **GOG**.
**Responsibilities**:

· I developed web application by using Angular 11, Angular material UI, Typescript, HTML, CSS, Bootstrap along with API integration.
· I developed Angular application for modules like Budget which deals with budget estimates and expenditure for Gujarat state and **DPPF** which deals with authorization of pension cases of 1,85,000+ Gujarat Govt. state employees.
· Worked on manipulation of Observable/Promise data coming from HTTP API call.
· Built reusable code and libraries for future use and validated all user input before submitting to the back-end.
· I solved errors during build time and checked cross-browser compatibility.

## Projects

**Flight Reservation System**
TECH STACK: JAVA, SERVLETS, JSP, JDBC, ORACLE DATABASE 11C, BOOTSTRAP, HTML, CSS

· Developed a website for the flight reservation system, which does the management of flight bookings after login or registration of the user.
· Created the features like flight reservation, booking or searching the flights, display booking history records, and cancellation of the tickets.

**Inventory and Sales System**
TECH STACK: JAVA, JDBC, ORACLE DATABASE 11C, ECLIPSE

· Developed a Java application for sales and inventory which comprises of features like generation of product ID, insertion and removal of stock, insertion of sales, generation and retrieval of sales report.

**Video Rental Inventory System**
TECH STACK: JAVA, ECLIPSE

· Designed and implemented an inventory control system for a video rental store that can do functions such as adding videos, checking out videos, returning a video, receive rating from a customer, listing inventory, and deleting videos.

## Honors and Awards

**Shri Dewang Mehta I.T Award** *December - 2017*

· Was among the top ranked student in the university for Academic Excellence in Computer Engineering field for the academic year 2017-2018.

**Academic Excellence** *December - 2016*

· Secured second position among the toppers in Computer Engineering department of our college for the academic year 2016-17.