

Ayan Digesh Patel

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Education

University of Southern California, Los Angeles, CA

Jan 2022– Dec 2023

MASTER OF SCIENCE (M.S) IN COMPUTER SCIENCE

Gujarat Technological University, India

Aug 2015– May 2019

BACHELOR OF ENGINEERING (B.E) IN COMPUTER ENGINEERING, CGPA 9.19/10

Skills

Programming Languages	Java, TypeScript, JavaScript, HTML, CSS, Python, C, SQL
Libraries and Frameworks	Angular, Angular Material UI, RxJS library, Bootstrap, ReactJS
Tools and Technologies	NodeJS, Java J2EE, MySQL, Oracle Database 11C, GIT, Visual Studio Code, Eclipse IDE
Organizational Skills	Team Work, Multitasking, Public Speaking, Strategic Thinking, Problem Solving

Work Experience

Wipro Ltd., India

Jul 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+ GOG 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

Dec - 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

Dec - 2016

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