

# Disha Patel

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## Education

### Illinois Institute of Technology

MASTERS IN COMPUTER SCIENCE-GPA:3.5/4

IL, USA

Aug 2019 - Present

Coursework: Enterprise Web Application, Mobile Application Development, Theory of Computation, Artificial Intelligence, Software Project Management, Advanced Database Organization

### Babaria Institute of Technology

BACHELORS IN COMPUTER ENGINEERING-GPA:9.09/10

GJ, India

June 2015 - May 2019

Relevant Coursework: Data Structures, Object Oriented Programming, Database Management

## Skills

**Languages** Java 1.8/J2EE, Python3, JavaScript, CSS3, HTML5

**AWS** Lambda, API Gateway, S3, Lex

**Database** MySQL, MongoDB

**Web Technologies** Java Servlet, AJAX, Apache Tomcat Web Server

## Work Experience

### Gyst Audio

IL, USA

SOFTWARE DEVELOPER INTERN

Sept 2020 - Dec 2020

- Developed and designed backend of a dashboard using AWS services like lambda, S3, and API Gateway
- Designed and constructed the controller module from scratch using AWS lambda and Python
- Implemented code for fetching and processing data from Google Analytics API and MySQL

## Projects

### Know your Government

IL, USA

TECHNOLOGIES: ANDROID STUDIO, REST API, PICASSO LIBRARY

April 2020

- Designed and developed an android application that helps user to get familiar with the government officials operating at their location
- Leveraged Google Civic API to acquire government official's data

### Ticket Master

IL, USA

TECHNOLOGIES: APACHE TOMCAT, MONGODB, MYSQL

Oct 2019

- Designed and developed a Enterprise application using MVC architecture, Java Servlet, JavaScript, AJAX, Apache Tomcat web server
- Used python to recommend movies based on the user's previous bookings along with Data Analytics to view statistics using Google charts
- Managed movie reviews using Twitter API

### Soil Permeability Check

GJ, India

TECHNOLOGIES: SPRINGBOOT, ARDUINO UNO

Jun 2018

- Suggested a system using Spring boot, Arduino UNO, Javafx
- Derived a mathematical formula to calculate water supply for a particular field
- Implemented code in Arduino UNO for manual and automated water supply
- Demonstrated leadership by assigning duties to the project members according to their skill sets

### Kisan 2.0

GJ, India

TECHNOLOGIES: ANDROID STUDIO, GOOGLE FIREBASE

March 2018

- Developed a multilingual android application for farmers
- Gathered data, to provide basic information like procedures for growing crops, market rates, real-time weather conditions
- Collected, cleaned, stored the data in Google Firebase

## Activities and Leadership

### Aahvan'18-Bits Edu Campus

GJ, India

MEMBER OF DISCIPLINE COMMITTEE

Jun 2016 - May 2019

- Managed and volunteered various technical and non technical festivals on campus

### Gujarat Hackathon'18

GJ, India

FINALIST OF GUJARAT HACKATHON

March 2018 - June 2018

- Presented a project(Kisan 2.0) at State Level Technical event organised by Government of Gujarat