

Disha Patel

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Education

Illinois Institute of Technology

IL, USA

MASTERS IN COMPUTER SCIENCE-GPA:3.5/4

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

GJ, India

BACHELORS IN COMPUTER ENGINEERING-GPA:9.09/10

June 2015 - May 2019

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

Work Experience

Gyst Audio

IL, USA

SOFTWARE DEVELOPER INTERN

Sept 2020 - Present

- Developing a dashboard for an existing website using AWS services like lambda, S3, and API Gateway
- Helping the team with designing the architecture of the dashboard
- Implementing code for fetching data from Google Analytics API and Gyst Audio database.

Skills

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

AWS API Gateway, Lex, S3, Lambda

Database MongoDB, MySQL

Web Technologies Java Servlet, AJAX, Apache Tomcat Web Server

Projects

Know your Government

IL, USA

TECHNOLOGIES: ANDROID STUDIO, RESTAPI, 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 Web application using Java Servlet, JavaScript, AJAX, Apache Tomcat web server
- Used python to recommend movies based on the user's previous bookings. Data Analytics to view statistics using Google charts
- Managed movie reviews using Twitter API

Soil Permeability Check

GJ, India

TECHNOLOGIES: MVC, ARDUINO UNO, RESTAPI

Jun 2018

- Implemented MVC architecture using SpringBoot technology
- Derived a mathematical formula to calculate water supply for a particular field
- Implemented code in Arduino UNO for connecting the code to the designed hardware
- Used RestAPI for connecting the code to the server to perform insert, update functionality
- Demonstrated leadership by assigning duties to the project members according to their skillsets

Kisan 2.0

GJ, India

TECHNOLOGIES: ANDROID STUDIO, GOOGLE FIREBASE

March 2018

- Developed an Android application for farmers during the Hackathon, Gujarat competition
- Used Google Weather API, to fetch weather information as well as provide information related to the weather
- Handled large datasets related to the crop details using 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