

# Fenil Kaneria

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## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Jul 2017 - Present

Charotar University of Science and Technology (CHARUSAT)

CGPA: 8.66 (till 6th sem)

### Higher Secondary

2017

Sarwamangal School, Vadodara

Percentage: 78.7%

### Secondary

2015

Sarwamangal School, Vadodara

Percentage: 78.8%

## EXPERIENCE

### Software Developer Intern

Apr 2020 – Jul 2020

Ways Software

- Developed a full web application for booking appointments for local shops and business
- Worked with stakeholders of the project to improve the usability
- Worked on Technology like ReactJS, NodeJS, PostgreSQL

### Software Developer Intern

May 2019 – Jun 2019

Bhavi Technologies

- Worked to develop in-house software to manage employee information
- Learned about how to work in a collaborative environment using tools like GitHub
- Created completely secure REST API for backend communication
- Designed frontend with best user experience(UX)
- Worked on Technology like ReactJS, NodeJS, MongoDB

## PROJECTS

### Amenity Detection

Oct 2020

- Detects the list of amenities present in the photo of a house or hotel
- Implemented horizontally scaled architecture using Docker container and Nginx load balancer
- Created REST API to access Model and deployed it to AWS
- Technology: Flask, MongoDB, Python, Docker, Nginx, AWS

### State Research Portal

Aug 2020

- Designed a single point solution to integrate search and manage all the research activities for all the State Universities and colleges
- Built on top of best user experience (UX) practices also optimized for mobile
- Implemented Robust search & discovery engine to search research papers
- Created filters such as filtering by year of publication, type, affiliation, author etc.
- Technology: Elastic Search, ReactJS, Flask, MySQL

### Appoint Meet ([view project](#))

Jun 2020

- Developed a full stack Online Booking System to manage all appointment scheduling process for businesses and individuals.
- Created booking API that supports concurrent booking request
- Implemented complete user interface for both businesses and customers
- Created backend to efficiently store and manage all the booking information
- Implemented JWT tokens to secure the backend completely
- Technology: ReactJS, NodeJS, ExpressJS, PostgreSQL

### Park Spot ([view project](#), [view code](#))

Mar 2020

- Park Spot is a mobile application to find the empty parking lot around you
- Integrated google maps to locate parking lots

- Implemented QR code scanner and generator. QR code is used for entry and exit at any parking lot
- Implemented algorithm that automatically generates bill according to the time you spend on a parking lot
- This application collects data on each entry and exit of the vehicle and analyses it for the best business decisions
- Technology: React Native, NodeJS, ExpressJS, PostgreSQL

#### **Vehicle Speed Detection** ([view project](#))

**Aug 2019**

- Vehicle Speed Detection is a Python Program to track and detect the speed of a moving vehicle from a video.
- Created functionally of automatically detect each lane and separate them for processing
- Capture the image of all the over speeding vehicles
- Technology: Python, OpenCV

#### **Employee Management System** ([view project](#), [view code](#))

**Jun 2019**

- Employee Management system is a web application that enables users to create, store and manage Employee Records.
- Created three different interfaces for different access type
- Secured backend API using user authentication
- Technology: ReactJS, NodeJS, ExpressJS, MongoDB

#### **Missing Person Report** ([view project](#), [view code](#))

**Feb 2019**

- Web Application that shows all the list of missing persons
- This application allows you to create an account and upload the missing person details with photos and so other people can help you.
- Technology: NodeJS, ExpressJS, MongoDB, EJS

#### **Smart Home** ([view project](#))

**Dec 2018**

- The main aim of this project is to control the Electric Equipment present in our Homes or Offices using a smartphone
- Created android application that connects with Arduino module over wifi
- Arduino circuit connect with Electric Equipment to control them
- Technology: Android, Java, Arduino

## **ACHIEVEMENTS**

#### **Winner of Smart India Hackathon 2020**

**Aug 2020**

- Secured 1st rank in Smart India Hackathon 2020 edition organized by Government of India

#### **CSI Regional Convention Project Presentation**

**Jan 2020**

- 2nd Rank in Project Presentation competition organized by Computer Society of India

## **SKILLS**

C, C++, HTML, CSS, JavaScript, Python, Java, ReactJS, React Native, Gatsby, NodeJs, ExpressJs, ElectronJS, Flask, MongoDB, PostgreSQL, MySQL, SQL, JSON, Docker, Git, NginX, REST API