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 (certificate)   **Aug 2020**
- Secured 1st rank in Smart India Hackathon 2020 edition organized by Government of India

CSI Regional Convention Project Presentation (certificate)   **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