

## CORE COMPETENCIES

- JS | JQuery | React | Redux | KnockoutJS | NodeJS
- HTML5 | CSS3 | PWA | Dialogflow | Git
- RESTful APIs using Python, NodeJS | PHP
- Organizational Leadership | Best of Breed
- Python ( Flask, Jinja2 ) | Jupyter Notebook
- SQLAlchemy (ORM) | Relational Databases | Blockchain
- Photoshop | Illustrator
- Perseverance | Liable

## PROJECTS

### PENIT

A social content and discussion web application that allows users to submit content in addition to voting and commenting. Leveraged React to build a dynamic user interface, as well as Redux to manage global application state.

### SONG-CATALOG

A web-app to store your favorite songs, create playlist and play your favorite songs sorted by genre. The web-app features proper implementation of OAuth authentication of various social media and appropriately mapping HTTP methods to CRUD operations in the core features of a properly secured web application. This app is made with FLASK | Materialize | JQuery

### NEIGHBOURHOOD-MAP

A web-app using Google Maps API to display native location of the user selected places using a JavaScript framework (knockout.js) in the city (using map markers) and displays data (likes and ratings) of each location using FOURSQUARE API. The Project features use of React for handling the view.

### MR. APOLLO

An assistant to automate College gate pass applying process using Google Assistant and Dialogflow. At the backend, app scrapes college's internal website to create a rest API which later interacts with Dialogflow API (earlier api.ai). Now user can apply the gatepass with just 2 voice commands (App still under review by google to be published on Google Assistant)

## EXPERIENCE

### FULL-STACK Developer for Team Adonis – Winner Smart India Hackathon 2018

- Worked on IntelliLights (Smart Traffic Light System) with a team of 5 people and created a working project in 36 hours. Project consists 3 different segments
  - Web based Centralized Control System displaying data analysis for whole city, Notification for SOS and Accident Reports (React)
  - Remote Traffic App – Geofencing, GreenGarden, Real-time Traffic, SOS (Python Flask, PostgreSQL)
  - Telegram Bot for Accident Reporting (NodeJS)

### UCOLLEGE CREATIVE LEAD AND FULL STACK MENTOR at UDACITY COLLEGE COMMUNITY

- Organizing and Managing Educational Sessions and Events in collaboration with UDACITY.
- Designed various posters and brochures for the various events organized by the community.
- Helping members of community to tackle different problems faced in Front-End and Back-End field.

### TEACHER AND LEAD EXECUTIVE AT WebHour & CodeHour

- Started a free learning initiative to help fellow juniors in getting hands on programming.
- Teaching a batch of 60 students daily after college.

### FULL-STACK LEAD – EXPLORE FEST'16

- Supervised and coordinated a team of 7 developers and Managed to finish off the whole project within 1 week.
- Developed EXPLORE Fest Parallax Scrolling Site from scratch using skrollr.js

### VICE PRESIDENT (PUBLIC RELATIONS) TOASTMASTERS INTERNATIONAL

- Confer with students to discuss their options and goals so that plans can be developed.
- Remodeled and maintained the internal website of Chitkara Toastmasters Club.

## EDUCATION

### ACADEMICS

- |  |           |
|--|-----------|
| ○ Bachelor of Engineering in Computer Science (Present) – Chitkara University, Punjab. | 9.53 CGPA |
| ○ Senior Secondary Schooling – Arya Sen. Sec. School, Punjab.                          | 89.3 %    |
| ○ Secondary Schooling –General Gurnam Singh Public School, Sangrur Punjab.             | 8.80 CGPA |

### CERTIFICATIONS

- |   |               |
|---|---------------|
| ○ React Nanodegree – UDACITY.                     | (CERTIFICATE) |
| ○ Full-Stack Web Developer Nanodegree – UDACITY.  | (CERTIFICATE) |
| ○ Front-End Web Developer Nanodegree – UDACITY.   | (CERTIFICATE) |
| ○ Web Development Using PHP –NETMAX Technologies. | (CERTIFICATE) |