**LEADERSHIP, ACHIEVEMENTS AND EXTRACURRICULAR ACTIVITIES**

* Led a team in Hackathon organized by **GirlScript Foundation** (2017) and created a Smart Card based Health-Care management system using PHP and MySQL
* Amongst top 3 contestants in inter college coding competition organized by **Gandhinagar Institute of Technology** (2017)
* Leader in 2 projects during bachelors with team size of five and two respectively (2018, 2019)
* Awarded **Certificate of Excellence Top Ranker** 2 times from **Dewang Mehta Foundation Trust**. (2017, 2018)
* Member of BitFrames Club (A Computer Science club) at Alpha College of Engineering and Technology
* Projects with URLs

**PROJECTS**

**Smart RSVP** (Python, Django, Bootstrap, ORM with SQLite3, Chart.js, Ajax) [GitHub](https://github.com/Raj1998/smart-RSVP) | [Demo](https://django-app-241.herokuapp.com/)

* Developed a web app that count event attendees using a QR code (Generated by Host) on invitation card
* Each QR code has a unique string generated by MD5 hash

**Image classification of distracted driver** (Python, Machine learning, Deep learning, Keras, CNN) [Demo](https://web-predict.herokuapp.com/)

* Classified image of a driver and Model predicts activity of driver from ten classes (Ex. Safe driving, texting, calling etc.) using Convolutional Neural Network.
* Gained almost 98% accuracy on test dataset

**React Native Signup Login Application** (React-Native, Expo, Python, Flask, MySQL, OAuth, JWT) [GitHub](https://github.com/Raj1998/react-native-signup-login-with-python)

* Created using Expo and Python flask backend API which handles new user registrations and existing user login.
* Google OAuth is also supported in API. React navigation is also used

**Discussion Forum website** (Java, Servlet, JSP, DAO (Data Access Object)) [GitHub](https://github.com/Raj1998/forum)

* Developed a discussion Forum website in J2EE, Servlet and JSP. Hosted it for college students for 1 month

**Smart Building - Society Management System** (PHP, MySQL database, Bootstrap) [GitHub](https://github.com/Raj1998/smart-building)

* Performs alert broadcasting, maintenance payment reminder, automatic fine calculator for late payment of maintenance, event booking, etc.