SHREYAS PAPINWAR

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PROGRAMMING SKILLS

- **Programming**: Swift(SwiftUI, ARKit), Python, JavaScript, React Native, Bash
- **Web**: Node.js, Angular 9, React, HTML/CSS, Flask
- **Other**: AWS, GCP, Git, MongoDB,

EXPERIENCE

Google Summer of Code
Fedora (Redhat)   *May 2020 - Present*
- Return feedback of successful builds or failed tests back into the merge request. **GitLab** and **Github** use slightly different workflows.
- **Packit** project has native support exclusively for GitHub now. So my job is to implement support for GitLab in **packit-service** so that it can process events from **GitLab API**.

Newsgator
Software Developer (Remote)   *March 2020 - Present*
- Developed an interactive user interface using **HTML, CSS, Angular 9 and Angular Material**.
- Implemented the set of new API endpoints in **NodeJS** which helped improve the efficiency of the application by **30 percent**.
- Responsible for defining, developing, and evolving software in a fast paced and agile development environment using the latest software development methods and infrastructure.

Flavazo
Software Developer (Part Time Remote)   *July 2019 - February 2020*
- Used **NodeJS** and **Express** framework to build server side logic, and applied with **middlewares** to handle http requests.
- Managed and deployed node API's. Improved efficiency of Flavazo app by 30 percent made in **React Native**.
- Applied **JWT middleware** to backend for authentication and used Passport for security purpose.

Machine Learning Intern   *April 2019 - June 2019*
- Worked on **Python (Scrapy, Selenium)** built scraping scripts to get user reviews of different restaurant and User details.
- Worked on developing food recommendation system using the user person built by details scraped.
- Built and deployed the back-end in **NodeJS**.

Georgia Institute of Technology
Research Intern   *April 2018 - July 2018*
- Worked on parallel programming in JAVA, the main idea of the project was to work on self driving vehicle simulation.
- Responsible for building the web part of the project made using Python (Flask).

LEADERSHIP AND ACHIEVEMENTS

Microsoft Imagine Cup 2020
Finalist   *February 2020 - April 2020*
- One of the **Top 10** teams selected from **Asia-Pacific APAC (18 countries)**.
- My work was to make the registration of face easy and working on integrating **Azure's Face API**.
- The team created a solution for bottle necked gateways in a daily commute: specifically the entry and exit points at metro stations.

Smart India Hackathon (SIH)
Hackathon   *2020*
- Opportunity to show our project to the government and gain knowledge in the working of the industry.
- Got selected for Smart India Hackathon in under the transportation project where we improve the efficiency of the transportation.

PROJECTS

- **The Corona App**: The app gives live updates of Covid-19 affected patients state and city wise, Data is taken from the covid19india.org and updated every 5 minutes.
- **Vehicle Tag - Licence Plate**: The aim of the project is to implement it in Bennett University main gate to get detailed information of vehicle entering university premises. Logs time information and checks the number plate with government data to get the name of the person.
- **Chess AI - AlphaGo**: The aim of the project is to implement a chess reinforcement learning model using Machine Learning AlphaGo methods.
- **FaceTag**: The idea is to use facial recognition to have an automated payment system for public transports (using an online wallet). Imagine FastTag-based tollways for human faces without the need for any hardware / physical cards. You can simply walk in and out; we'll scan the face and deduct the costs from your wallet..

EDUCATION

Bennett University   Delhi NCR, India
Bachelor of Technology in Computer Science and Engineering   *2017 - Present*
- Award of best competitive programmer in 2018 and 2019 in University.
- Main coursework: Data Structures, Design and analysis of Algorithms, Computer Architecture, Artificial Intelligence, Database Systems, Operating Systems, Software Engineering.