

# PARTH SARTHI PRASAD

CSE, UNDERGRADUATE STUDENT(2018-22)

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parthsarthiprasad



## INTERNSHIP

Defence Research and Development Organisation, Delhi  
**SDE Intern**

Dec'19 - Jan'20

Delhi

- Developed and Deployed EMS, Full Stack Application using Django, Postgres, Elasticsearch and Javascript

## EXPERIENCES

Project Contributor and Maintainer

**Chapel(language), Github**

March2020 - present

- Bug Reports Fixes in Strings, Bytes type Unicode implementation
- Object oriented, creating wrappers, tmbundle fixes.
- Accepted PR, BUG reports

Project Contributor and Maintainer

**Anita-B(Systems), Github**

September2020 - present

- Development of UI and backend for reactnative application
- Using Github API to fetch data, and creating heatmap,cards etc
- Accepted PR, BUG reports

National Smart India Hackathon'20

- Correction of eye gaze on realtime streaming platforms. (Python, TF, AWS-lambda,V4L2loopback)
- Project Link
- Video Presentation

Serverless Deployment

- Using cloudflare workers, Linktree Clone for resume holding
- Backend API to return JSON response and render data
- Deployed Template Webpage

NEC AURORA-TSUBASA'19

- Using Frovedis to deploy Scikit-learn model and performance comparision
- Threat detection Video Transmission, NGINX configuration, hls, MERN Webapp for authentication and remote API
- Code Project Link
- Video Presentation
- Model Results

## PUBLICATIONS

IoTBC-2020 (2020). CRC Press Accepted Manuscript. *Blockchain Technology for Data Privacy Management"* (Series: *Advances in Intelligent Decision-Making, Systems Engineering, and Project Management*, CRC Press, Taylor Francis, USA

## ACHIEVEMENTS



**SIH'20 Finalist**

Gaze Correction Utility



**NEC'19 Finalist**

TOP 5 among 841 national teams, threat and anomaly detection



**Google Kickstart'20**

(latest) round G, Rank 1254

**Google Foobar**

(latest) Completed till level 3

## SKILLS

C/C++

JavaScript

Python

Java

NodeJS

React

jQuery

React-Native

Mocha

Nginx, PM2

Docker

Heroku

Firebase

AWS

PWA, Dapps

SQL

MongoDB

Cloud Databases

## EDUCATION

BE, Computer Science

**Netaji Subhas Institute of Technology**

July 2018 - Aug 2022

CGPA: 8.28

CBSE(12th)

**St.Xavier's Senior Secondary School**

2018

PERCENTAGE: 91.2

CBSE 10th

**St.Xavier's Senior Secondary School**

2016

CGPA: 10