

Parth Samnani

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EDUCATION

BITS PILANI

B.E. ELECTRICAL & ELECTRONICS

2017-2021 | Pilani, India

BITS PILANI

MINOR IN FINANCE

2017-2021 | Pilani, India

NAVRACHANA SAMA

Grad. MARCH 2017 | Vadodara, India

LINKS

Website:// parthsamnani.com

Github:// [ParthSamnani](https://github.com/ParthSamnani)

LinkedIn:// [parth-samnani](https://www.linkedin.com/in/parth-samnani)

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms

Object Oriented Programming

Neural Networks and Fuzzy Logic

Operating Systems

Probability and Statistics

Digital Image Processing

Optimization

SKILLS

PROGRAMMING

• Dart • Application Development

• JavaScript • ReactJS • NodeJS •

KnexJS

• Python • Machine Learning

• PostgreSQL • GraphQL • MongoDB

• Java • C • C++ • MATLAB

Familiar:

• Version Control • Git

• Google Cloud • Firebase

• Android • iOS

EXTRACURRICULAR

• **President** • Safety and Medical

Advisory Council, BITS Pilani |

2020-2021

• **Joint Coordinator** • Department of External Affairs, BITS Pilani | 2019-2020

• **President** • Student Council,

Navrachana Sama | 2016-2017

EXPERIENCE

LOGIQ LABS | SOFTWARE DEVELOPMENT INTERN

July 2020 - Present | Bangalore, India

- **Full Stack Development on eCourierz Mobile Application.**
- Built a **Multi Carrier Shipping Application** allowing the company's clients to create and manage their daily shipments to thousands of customers domestically and internationally.
- Worked on a shipping calculator, shipment booking flow, and in-app wallet.
- **Shipment Duty and Tax Calculator Application.**
- Coded a stand-alone web application for sellers shipping internationally
- Embedded the app in an iframe element of an existing website.
- **Tech Stack** : Dart, Flutter, MongoDB.

SAMSUNG RESEARCH INSTITUTE | SOFTWARE ENGINEERING INTERN

May 2020 - June 2020 | Delhi, India

- **Handwriting Recognition Web Application.**
- Deployed a neural network onto a web-application.
- **Neural Network**
- Accepted Sentence Inputs, trained on the IAM Dataset.
- 5 CNN, 2 RNN, CTC Loss and Decoding Layers
- **Web Application**
- Accepted input via uploaded image and canvas drawings
- **Tech Stack** : ReactJS, Python/Django.

ARUDITO | CO-FOUNDER , FULL STACK DEVELOPER

Jan 2020 - Present | India

- **Arudito Application**
- Built an application for students that aimed to be the one-stop solution for all their academic content needs.
- Headed a team of 6 interns. Achieved **1500+ Users** within 1 week in BITS Pilani across **Android, iOS, and Web.**
- **Uploading tool**
- Developed an uploading tool web application to automate the content upload process onto the database.
- Improved the subject upload time for content team from 7 days to 1 day.
- Integrated with Cloud API to push contents on buckets.
- **Tech Stack** : Dart, Flutter, GraphQL, JavaScript/KnexJS, PostgreSQL, GCloud.

RESEARCH

BITS PILANI | RESEARCHER

Jan 2020 - May 2020 | Pilani, India

- Worked under **Ankush Jahagirdhar** to implement **ACROA**, the Artificial Chemical Reaction Optimization Algorithm using Python.
- Implemented Model Predictive Control in a Photo-Voltaic cell array for Maximum Power Point Tracking under **Ankush Jahagirdhar** using MATLAB.

AWARDS

2020 1st/40

DesertHack Hackathon

2020 top 30/2500

HackTheCrisisIndia Hackathon

2015 top 2500/300000

National Talent Search Examination Fellow