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

Github:// **ParthSamnani**
LinkedIn:// **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.
- Brought the application to life using Dart, Flutter and MongoDB.
- **Front End Development on Duty Calculator application.**
- Built the user interface for a duty calculator to be embedded in the existing website.

SAMSUNG RESEARCH INSTITUTE | Software Engineering Intern
May 2020 – June 2020 | Delhi, India
- Handwriting Recognition Web Application.
- Deployed a neural network trained on MNIST-database onto a web-application.
- Used ReactJS for implementing the user-interface and Django for the back-end.
- Web-application accepted sentence input via uploaded image and canvas drawings.

ARUDITO | Co-Founder , Full Stack Developer
Jan 2020 - Present | India
- **Arudito Application**
- Built a learning management application for **Android**, **iOS**, and **Web**.
- Headed a team of 6 interns. Achieved **1500+ Users** within 1 week in BITS Pilani.
- Implemented the Front end using Dart/Flutter, APIs using GraphQL, JavaScript/KnexJS, PostgreSQL.
- **Uploader tool**
- Built an internal tool for the content team to automate content upload process with previous tech-stack.
- Integrated Drive API, YouTube API and Cloud API with the tool.

POWERGRID CORPORATION OF INDIA | Research Intern
May 2019 - August 2019 | Bangalore, India
- Researched on the faults and existing protection methods employed by powergrid to provide 70% of the country with electricity.
- Provided methods of improvements for the protection scheme in use.

RESEARCH

BITS PILANI | Researcher
Jan 2020 – May 2020 | Pilani, India
- Worked under **Ankush Jahagirdhar** to implement **ACROA**, the Artifical 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