

ANURAG ROY

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OBJECTIVE

I am seeking a technical position on a software project, preferably open-source and libre, that aims to make these software a proper alternative by improving user and developer experience.

EDUCATION

- 2016 - 2020
Netaji Subhash Engineering College
Bachelor of Technology, Electronics and Communication Engineering; GPA: 8.35
Coursework: Analog and Digital Communication, Signals and Systems, Control Systems, Network Theory, Electronic Devices, Object Oriented Programming, Data Structures, Artificial Intelligence.

SKILLS

- Languages:** C, Java, Dart, Python, C++, HTML5, CSS3, Assembly, MATLAB
- Frameworks:** Flutter
- Tools:** Git, Bash, Android Studio, Jupyter Notebook
- Platforms:** Linux, Windows, Raspberry Pi, Android, Web, Arduino, Firebase, GCP
- Soft Skills:** Writing, Public Speaking

EXPERIENCE

- Nov 2020 – Present
Tata Consultancy Services
Assistant System Engineer – Trainee
- Oct 2020 – Present
Flutter Framework(<https://github.com/flutter/flutter>)
Contributor
- May – Jul 2020
Developer Student Clubs, NSEC: Full Stack Projects(Flutter)
Speaker

PROJECTS

- Aug - Sep 2019
SOIF (Mobile application, cloud based analytics, weather monitoring): Created a mobile application for an automated drip irrigation system built using an ESP8266 with weather monitoring(soil moisture, illuminance, temperature and humidity). Works along with a REST API containing a MongoDB database.
Tech Stack: Flutter, ESP8266, Flask, MongoDB
- Feb 2019 – Jun 2020
IoT Based Surveillance System(Object Detection, Edge Computing, Mobile application): Created a surveillance system built using Raspberry Pi 3B+ which uses SSD Model trained on Caffe framework for efficient utilization of bandwidth and storage. Accompanied by a mobile application providing controls, notifications of detection and access to recorded footage.
Tech Stack: Raspberry Pi, Flutter, SSD CaffeModel, Cloudinary, Firebase
- Apr 2020 – Present
Portfolio Website(Frontend Web, GitHub Pages): Created a portfolio website using HTML5 and CSS3 served through Github Pages which lists more or less the work done throughout the career. A version built using Flutter on Web is in development.
Tech Stack: HTML5, CSS3, Flutter, GitHub Pages