# Anuradha Sharma

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## EXPERIENCE

**INVENTROM PVT. LTD.** | Developer Intern
Jan 2018 | Bangalore
- Developed various microservices for Metrics App, to monitor sales data, maintain inventory and user records.
- Worked in Scrum (mostly 1-2 week long) to plan, develop, test, review and push the features in production.
- Also worked on the Bolt hardware(esp8266) to develop a few IoT based projects.
- Technologies used: Flask, Python, Mongo, Vagrant, Git, Flask Testing, Unit Testing.

**SENSOR BASED TECHNOLOGIES FOR VISUALLY IMPAIRED** | Research Scholar
2013 | IJCA
- Studied various sensor based techologies available for visually impaired around the world.
- Stated various reasons to why the technologies are not available to everyone.
- Presented the paper in NGCTA conference. Co-author: Prof. Nancy Sharma
- Link: http://www.ijcaonline.org/proceedings/ngcta/

## PROJECTS

**LA-SHWARMA-PI** | Scholar
Aug 2017 – Dec 2017 | NIT Durgapur
- Project to build Low cost, easy to assemble, swarm of Pi for computing intensive task.
- Tools: Raspberry Pi, Arduino, Docker.

**TWITTER BOT** | Developer
August 2017 | NIT Durgapur
- Worked on Tweepy (API for twitter) to build a simple bot that favorties tweets for given handle /hashtag and also lists the followers and followings for given user.
- Tools: Python, Tweepy API.

**FEDEX TRACKING DETAILS** | Developer
August 2017 | NIT Durgapur
- Wrote an API for fetching/ scraping tracking details from FEDEX website. (input: tracking number)
- Tools: Python, Json, requests, REST.

**NIT-DGP-FOSS** | Repository Admin
2016 | NIT Durgapur
- Esablished and managed a FOSS community on github for MCA students, to help them learn about git, open source, proposal building, markdown etc.

**BUBLOG** | Developer
2017 | NIT Durgapur
- A Blogging Website that allows user to sign in and publish blogs
- Tools: HTML ,CSS, Java Script, PHP, SQL, Bootstrap, Ckeditor.

## EDUCATION

**NATIONAL INSTITUTE OF TECHNOLOGY**
Master of Computer Applications
2018 | Durgapur
CGPA: 7.03 / 10

## SKILLS

**PROGRAMMING**
Coding :
Python • C/C++
Web Developement :
Flask • AngularJS • Mongo • Javascript • Bootstrap • HTML • CSS • PHP
IoT :
RPi • Arduino • esp8266 • Objective C

**TECHNOLOGY**
Git • Linux • Docker • Virtual environment • Automation

**COURSEWARE**
Datastructure • Algorithms • OS • Networking

## RESPONSIBILITIES

- Volunteered at NSS
- Volunteered at College Fest Navtarang'13
- Volunteered at Quiz Whizz in 2013 and 2014
- CR for 2012-2013
- Writer in UG College Magazine TATVA under the section "From my Pen"

## EXTRACURRICULAR

**INTERESTS**
Robotics and Embedded Systems
Learning and trying new technologies
Hackathons

**HOBBIES**
Sketching • Painting • Sudoku • Badminton • Carrom • Chess • Reading novels and articles

## LINKS

Github:// **as04**
LinkedIn:// **as-04**
Blog:// **as04learning**