

SARTHAK DESHWAL

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EDUCATION

Netaji Subhas Institute of Technology (NSIT, DU)

NEW DELHI, INDIA

B.Tech in Information Technology

Expected in 2017

Relevant Coursework – C, Data Structures and Algorithms, Operating System

Independent Coursework – Python, Javascript, Java

WORK EXPERIENCE

Samsung R&D, Bengaluru (Internship)

June – July 2016

→ Worked on creating Test Cases for Tizen Platform. → Wrote a python library for one-to-one mapping of SART and TAF.
→ Developed a Tizen App to compare two images taken either from camera or select from gallery. → Wrote a java program for Tizen Automation Framework for writing data to excel sheet. → Working on social platform .

Research, Oxford University Press (Internship)

December 2015 – January 2016

Helped in writing of book on Python. Main task was proof reading programs, suggestions for more interactivity and making small-project on each chapter.

Research, Intigni Code (Internship)

June - July 2015

Created educational header-files for easy learning of C without the use of internet and books.

Tech Leader, CampK12 (Internship)

December 2014 – January 2015

Developed games like flappy birds, sky shooter etc on java and made students learn the logic. Worked closely with MIT postgraduate and ex-Apple CEO (founders) on IDE project.

TECHNICAL SKILL

Language - C, JavaScript, Python, HTML

Tools and Frameworks - Django, Flask, Git, Geany, MEAN, Tizen App Development, Hybrid App Development, Meteor(Basic)

PROJECTS

March 2016

Pariksha, Leader, Hackathon

It was built in hackathon organised at Rashtrapati Bhavan. We developed a complete examination system which automated nearly everything. The prime focus was face recognition to stop fake candidates

March 2016

Django Blog, Self Project

This is a basic blog with nearly all advanced features like full site search using Solr and Haystack. The stack used is Django which is a Python based framework. Database used was SQLite.

November- December 2015

PhotoApp, Self Project

The desktop photoApp using NodeJS to apply Instagram like filters on the image and save. It was made with code once use everywhere philosophy.

October 2015

Indian Government Portal, Leader, Hackathon

A common template system for govt. websites for clean look and quick deployment. It was built at hackathon organised to encourage Digital India. We were highly appreciated. Stack used was MEAN.

January 2015

Django Github, Self Project

This was built to find user activities on GitHub provided the username. The stack used was Django and GitHub API was used.

AWARDS

February – 2012

- Best Student, Little Flowers Public School

Received best student award twice at school

December 2010

- Student Scientist, National Science Activities Board

Awarded the student scientist for leading the team of 5 students to solve the problem of deteriorating parks in Delhi using Science. It was highly appreciated by Hon. ex- President APJ Abdul Kalam and Indian Agricultural Research Institute