

# Subhrajit Prusty

Institute of Technical Education and Research, Bhubaneswar

☎ (+91) 9040468489 | ✉ subhrajit1997@gmail.com | 🏠 subhrajitpy.me | 📺 SubhrajitPrusty | 📺 subhrajitprusty

## Education

### Institute of Technical Education and Research (ITER)

Bhubaneswar, Odisha, India

B.TECH IN COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

2016 - Current

- CGPA : 8.72

### Ispat English Medium School (IEMS)

Rourkela, Odisha, India

INTERMEDIATE/+2 FROM ISC

2014 - 2016

- Percentage : 84.5

### Ispat English Medium School

Rourkela, Odisha, India

MATRICULATION FROM ICSE

2014

- Percentage : 94.17

## Experience

### ITC Infotech

Bengaluru

PROJECT INTERN

May, 2019 - July, 2019

- Worked on various R&D Projects involving Image Processing and Deep Learning

### Mindbox Trainings

Online

DEVOPS & AMAZON WEB SERVICES

April, 2018 - July, 2018

- Worked on different Amazon Web Services components like EC2, VPC, Route53, SES, RDS, S3, Cloudwatch, Cloudfront
- Worked with DevOps tools like Git, Jenkins, Ansible, Docker

## Projects

### YCL - Youtube Command Line

YCL

BTECH UNDERGRADUATE

May, 2019

- Created a command line utility to search and play music from YouTube on the command line itself
- Videos could be downloaded from the same utility
- Application can be used as both a command line utility and also a ncurses based terminal application

### Wallgen

Wallgen

BTECH UNDERGRADUATE

July, 2018

- A wallpaper generator built with Python
- Wallpapers are generated procedurally and use various polygonal style, like "low-polygon" images
- Features: "Smart" polygons which respect edges and scripts to create videos of similar effects
- 100+ stars on Github

### Website Infrastructure in AWS with Wordpress & MySQL DB

BTECH UNDERGRADUATE

April, 2018

- Created a website infrastructure with private and public subnets using AWS VPC
- Hosted the Wordpress website on an EC2 instance in the public subnet, MySQL instance in the private sub-net
- Used AWS ASG for scalability, LoadBalancers, Route53 for DNS, SES for mailing, S3 bucket for storage, Nagios on the machine for monitoring

### Performing Different Routing and Switching Protocols

BTECH UNDERGRADUATE

May, 2017 - July, 2017

- Constructed an simulation project on working of different type of routing and switching protocols with the help of GNS3, Cisco Packet Tracer, WireShark.
- R & S Protocols: OSPF, RIP, Default, Static, BGP, EIGRP, VLAN, Inter-VLAN, ACL, NTP, DNS, DHCP.

## Honors & Awards

NATIONAL

- 2019 **2nd Place for 'Wallgen'**, "Buffet of Ideas" - A Project Presentation Event, Chakravyuh-Genesis
- 2018 **2nd Place**, ITC Infotech Hackathon
- 2016 **2nd Place**, Quantum Code by IIT Bombay - Techfest
- 2015 **2nd Place**, Krack Code by Illuminati - organised by St Pauls School
- 2014 **1st Place**, Computer Society of India Quiz, Rourkela Chapter
- 2013 **1st Place**, Computer Society of India Quiz, Rourkela Chapter

Bhubaneswar  
Bengaluru  
Bhubaneswar  
Rourkela  
Rourkela  
Rourkela

## Certifications

- 2017 **Completion of Training in CCNA R&S**, Network Bulls
- 2018 **Completion of Dev-Ops and AWS Training**, Mindbox Trainings Online

Gurgaon, Haryana  
Hyderabad

## Extracurricular Activity

### Codex

ITER, Bhubaneswar

SENIOR MEMBER

March 2017 - PRESENT

- Student coordinator
- Conducted workshops on Python
- Conducted workshops on Linux and bash
- Conducted seminars and workshops on Git and Github.

### Chakravyuh-Genesis 2019

ITER, Bhubaneswar

CLUB COORDINATOR

March, 2019

- Conducted workshop on Ethical Hacking and approach to CTFs
- Organized events and competitions on behalf of Codex

### Smart India Hackathon

ITER, Bhubaneswar

TECHNICAL VOLUNTEER

March, 2019

- Handled technical details regarding the event
- Assisted judges in ranking and assessment of participating teams

## Skills

### Programming

Python, JAVA, C, Bash

### Technologies

AWS, GNS3, GitHub, Docker

### Web

Apache, Flask, Selenium, Bootstrap, Wordpress, HTML5, CSS3

### Skills

Dev-ops, Linux System Administration, Web Development, Image Processing