

Subhrajit Prusty

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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

Projects

YCL - Youtube Command Line

YCL

PERSONAL PROJECT

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

PERSONAL PROJECT

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

COURSE PROJECT

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

COURSE PROJECT

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.

Honors & Awards

NATIONAL

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

Certifications

- | | | |
|------|--|-------------------------|
| 2017 | Completion of Training in CCNA R&S , Network Bulls | <i>Gurgaon, Haryana</i> |
| 2018 | Completion of Dev-Ops and AWS Training , Mindbox Trainings Online | <i>Hyderabad</i> |

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