

Debabrata Choudhury

International Institute of Information and Technology, Bhubaneswar 751003

☎ (+91) 79-7892-5809 | ✉ sudodeba97.iitbbsr@gmail.com | 🏠 lonewolf38.github.io | 📱 LoneWolf38 | 🌐 lonewolf38

Experience

AppUnfold Pvt. Ltd.

HSR Layout, Bangalore

DEVOPS INTERN

May-Aug 2019

- Created and Managed Virtual Servers Instances for QA and Prod
- Installed Monitoring and Metrics Software in each instances for the Monitoring of the servers
- Used Terraform to create and provision server Instances
- Used Docker for the Developer Environment Setup

MindBox Trainings

Hyderabad

DEVOPS & AMAZON WEB SERVICES

May. 2018

- Learned about different Amazon Web Services components like EC2, VPC, Route53, SES, RDS, S3, CloudWatch, CloudFront
- Learned about DevOps tools like Git, Jenkins, Ansible, Docker, Nagios

Network Bulls

Gurgaon Sec-14, Delhi

CCNA R & S TRAINING ON REAL LIFE SWITCHES AND ROUTERS PROVIDED BY NETWORK BULLS

June. 2017

- Learnt about different routing protocols like EIGRP, RIP, OSPF, BGP, etc. and switching techniques like VLAN, inter-VLAN routing, security issues with ACLs, Remote login techniques, etc.

Projects

Setting up a Private Cloud in College from scratch

IIIT Bhubaneswar

B. TECH UNDERGRADUATE

Dec 2019

- A Fully functional private cloud infrastructure in IIIT Bhubaneswar Campus.
- 10 Servers are of specifications Intel Xeon processors with 32GB and 1TB storage capacity each.
- For Cloud OS we have used Openstack and its internal Services.
- This infrastructure is useful for both students as well as the research professors for their research work development.

A CLI tool for making deployments easy and automatic

IIIT Bhubaneswar

B. TECH UNDERGRADUATE

Dec. 2018

- A Command line interface tool which make deployment process easier for small developers
- Uses AWS servers for deployment of webapps and websites from any git hosting services like Github and Gitlab
- This project is solely made in Golang and uses AWS SDK for creation of servers and remote execution of scripts and commands
- Sole purpose of the project was to give individual developers a preview of how their webapps are working in a production environment

Website Infrastructure in AWS with Wordpress and MySQL for Database

B. TECH UNDERGRADUATE

May. 2018 - July. 2018

- Created an infrastructure using VPC with both public and private subnets.
- Hosted the website in an EC2 machine with wordpress installed in public subnet, MySQL for database in private subnet.
- Used AWS ASG for scalability, LoadBalancers, Route 53 for DNS, SES for mailing, S3 bucket for storage, CloudWatch for monitoring, RDS for database, CloudFront for notifications.

Performing Different Routing and Switching Protocols

B. TECH 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.

Linux from Scratch

B. TECH UNDERGRADUATE

Fall 2016

- Constructed a fully functional operating system running Linux kernel with udev and SysVinit, compiled and manually configured from source code.
- The operating system was constructed in a triple boot mode with Arch linux as the base system for compilation and installation.

Skills

Programming: C(Intermediate), Bash(Scripting), Python(Scripting), Go(Backend and cli-tools)

HandsOn Experience: Git, AWS, Linux, Jenkins, Docker, Apache, Ansible, Nginx, Terraform, DataDog, Github, Scaleway, Travis CI, OpenStack

Expertise In: Linux System Admin, DevOps, Network Admin

Certifications

2019	DevOps Internship Completion , AppUnfold Pvt. Ltd.	Bangalore
2018	AWS and DevOps Course Completion , MindBox E-Learning Services	Online
2017	Completion of Training in CCNA R&S , Network Bulls	Gurgaon, Haryana
2017	Linux Foundation Certified System Administrator LFCSA v2.16 , Linux Academy	Online

Hackathons & Events

GenHax Hackathon, Powered by Invincix

Invincix, Bhubaneswar

Aug. 2018

- Hackathon was based on three topics of the real life community problems which are Medical Emergency, Tourism, Waste Management

Honors & Awards

NATIONAL

2018	Winners , GenHax Hackathon, powered by Invincix	BBSR, Odisha
2012	7th Position , Computer Society of India, Rourkela Chapter	Rourkela, Odisha

Education

B.Tech in Computer Engineering

Bhubaneswar, Odisha India

INTERNATIONAL INSTITUTE OF INFORMATION AND TECHNOLOGY(IIIT)

2016 - 2020

- CGPA: 7.30
- SGPA: 7.25

Intermediate/+2 from ISC

Rourkela, Odisha

ISPAT ENGLISH MEDIUM SCHOOL

2014 - 2016

- Percentage: 88.2

Matriculation from ICSE

Rourkela, Odisha

ISPAT ENGLISH MEDIUM SCHOOL

2014

- Percentage: 92.5