

Debabrata Choudhury

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Education

B.Tech in Computer Engineering

Bhubaneswar, Odisha India

INTERNATIONAL INSTITUTE OF INFORMATION AND TECHNOLOGY(IIIT)

2016 - 2020

- CGPA: 7.31
- SGPA: 7.42

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

Experience

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.

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

Projects

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

Implementation of Private Cloud using Openstack

IIIT Bhubaneswar

B. TECH UNDERGRADUATE

Aug. 2018 - Oct. 2018

- Implemented a development cloud using openstack
- Installation was done using Packstack installer(RDO project)
- It was an all-in-one installation and configuration of the private cloud in a system with 20GB ram and 40GB disk space with i7 6th Gen Processor with 2cores allotted
- The cloud was installed and configured in a VM running RedHat Linux

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.

Seminars

ACM IIIT-Bhubaneswar Student Chapter

Bhubaneswar

MEMBER

Nov. 2017

- Conducted a session on Linux
- Organised a Linux Installation Fest

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

Certifications

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

2016 **Entrepreneurship Awareness Drive, Bhubaneswar**, Entrepreneurship Cell, IIT Kharagpur

Bhubaneswar

Honors & Awards

NATIONAL

2018 **Winners**, GenHax Hackathon, powered by Invincix

BBSR, Odisha

2012 **7th Position**, Computer Society of India, Rourkela Chapter

Rourkela, Odisha

Skills

Programming: JAVA, C, Ruby, Bash, LaTeX, Python, C++11, MySQL, Go

Frameworks: Flask, Boost.Asio(C++11), Django, AWS-SDK

Web: HTML5, CSS3, Wordpress

Technologies: Wireshark, GNS3, Cisco Packet Tracer, Github, OpenStack, Terraform

DevOps Tools: Git, AWS, Nagios, Jenkins, Docker, Chef, Apache, Ansible, Nginx

Skills: Linux System Admin, DevOps, Network Admin