

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: 7.28
- SGPA: 7.34

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

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.

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.

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.

Seminars

ACM IIIT-Bhubaneswar Student Chapter

Bhubaneswar

MEMBER

Nov. 2017

- Conducted a session on Linux

Hackathons & Events

Gamer Connect Gaming Experience

The Presidency, Bhubaneswar

Jan. 2017

- First of its kind Gaming Experience By Nvidia, ZOTAC, HyperX, LG, XRGB for an experience in latest games in the best hardware from Nvidia, 4K Gaming, VR and special showcases by other partners

Gamer Connect Gaming Experience

AR Gaming Asylum, Cuttack

Aug. 2017

- Best Gaming Experience provided By Nvidia and also Cosplay competition with a Overwatch cup and goodies by XRGB and HyperX

Certifications

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

Bhubaneswar

2017 **Completion of Training in CCNA R&S**, Network Bulls

Gurgaon, Haryana

2018 **AWS and DevOps Course Completion**, MindBox E-Learning Services

Online

Honors & Awards

NATIONAL

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

Rourkela, Odisha

Skills

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

Frameworks: Flask, Selenium, Spyder(Python), Boost.Asio(C++11)

Web: HTML5, CSS3, Wordpress, PHP frameworks

Technologies: Wireshark, GNS3, Cisco Packet Tracer, Github

DevOps Tools: Git, AWS, Nagios, Jenkins, Docker, Chef, Apache, Apache-Ant, Tomcat, Ansible, Maven, AWS-cli

Skills: Linux System Admin, DevOps, Network Admin