Anshul Singhal

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Find Me

Courses

Systems

> Distributed Systems

> Compilers

> Operating Systems

> Advance Computer Networks

Applied courses

> Data Structures

> Complexity and Advanced Algorithms

> Principle of Information Security

> Principle of Programming languages

Positions Held

System Administrator
Felicity
IIIT

Administrator
Open Source Development Group
IIIT

Administrator
Security Society
IIIT

Interests

Linux Server Administration

FOSS   Automation   Security

Writing   Trekking   Traveling

Education

Bachelors of Technology in Computer Science   2014 - 2018
International Institute of Information Technology, Hyderabad   *CGPA: 7.81/10*

Work Experience

Analyst (Strat) | Goldman Sachs, June'18 - Present

At Goldman Sachs, I work in Consumer Investment Management Division. I am currently working on Honest dollar by Goldman Sachs. For HD, I am majorly involved in tech grooming, implementing new features and bug fixes. I was also involved in the tech review of United Capital acquisition, currently working on UC integration with GS technologies and primarily responsible for the regulatory tasks related to UC data.

SRE Intern | Kayako Support Software Systems, May'17 - July'17

At Kayako, I implemented monitoring and alerting for the whole infrastructure. We were using DataDog for visualisation of the matrices and newrelic for on-call alerts. I wrote chef runbooks to automate provisioning of whole monitoring infrastructure across the environments.

Open Source Developer | OWASP Offensive Web Testing Framework (OWTF), May'16 - Present

OWASP OWTF is a project focused on penetration testing efficiency and alignment of security tests. It is one of OWASP's mature Flagship projects.
Responsible for building whole new UI using ReactJS with Redux, adding new features, fixing reported bugs/issues, reviewing pull requests and mentoring new developers.

DevOps Engineer | JustKapture Innovations Private Ltd., January'16 - August'16

Leading the DevOps team of JustKapture. Developed CI/CD pipeline, Configured chef for servers provisioning, reduced response times of the product by >85%.

Teaching Assistant | IIIT Hyderabad, Fall'18

During Fall'18, I completed TAship for IT workshop course under Prof. Rekha Singhal. Coursework involves basics of networking, software development life cycle, REST Architecture and web vulnerabilities etc.

Projects

Hadoop Distributed File System, Fall'16   `JAVA` `Google Protobuf` `Distributed Systems`

Distributed file system which is fault tolerant to address DataNode failures. Implemented using Java RMI and deployed on containers.

Decaf Compiler, Fall'16   `Compilers` `Flex` `Bison` `LLVM`

Implemented a front-end compiler for a subset of the C language. Generated LLVM intermediate representation for the same.

Other minor projects, 2017   `Socket Programming` `Operating Systems`

- Implemented a bash like C Shell that provide piping, redirection and all other basic features of bash.
- Implemented FTP -File Transfer Platform that supports listing, searching based on time, downloading of files.
- Threaded web Server in python.