Bengaluru, KA
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# Hanuman Huda

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## Experience

| **Associate** | **Goldman Sachs** | **June, 2017-Present** |
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- Responsible for complete SDLC model of Web Authentication services(Simple password, SPNEGO, certificate and RSA based) and MIT Kerberos which is used for authentication by the entire firm.
- Developed Microservices to hydrate user's profiles and credentials data from on-premise to cloud.
- Upgraded MIT Kerberos from 1.15.2 to 1.17.1 to improve security and availability of the service.
- Scaled MIT Kerberos Infrastructure by 320% through Horizontal and Vertical Scaling of Kerberos.
- Designed and developed loosly coupled Logs Streaming Pipeline by using Filebeat, Kafka and ELK, which improved availability of the service and accuracy of audits to 100%.
- Completed a smooth migration of authentication services to a new and improved infrastructure, which involved collaboration with 25 teams.
- Upgraded internet facing applications for authentication with Apache(httpd), Tomcat, improved security for cookies and protected pages from enumeration.
- SME for Web Authentication and SSO services, fixed security risks around authentication.
- Introduced Rate Limiting for different services with Apache and IPtable rules.
- Developed REST services to onboard new teams for centralized authentication.
- Developed an application to automate the renewal of SSL certificates.

| **Summer Intern** | **Goldman Sachs** | **May, 2016- July, 2016** |
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- Developed R based Risk Profiling engine to analyze the process and netstat data from all the servers.
- Modelled the process and netstat data to visualize the architecture of applications.

## Education

| **Warangal** | **National Institute of Technology** | **Aug, 2013-May, 2017** |
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- B. Tech. in Computer Science and Engineering. GPA: 8.11

## Technical Skills

- **Programming languages:** C, C++, Java, PHP, Python(beginner), R, Assembly, SQL, Bash Script, Angular JS, React-Redux(beginner)
- **Databases:** Cassandra, Elastic Search, Sybase, MySQL
- **Frameworks/Tools:** Spring Boot, Django(beginner), DropWizard, Filebeat, ELK, Kafka
- **Operating systems:** Ubuntu, Windows

## Projects

- **Exam Module** Developed a web application using PHP, MySQL, AngularJS and Bootstrap to manage examinations of the college. It included features like eligibility check for any exam, auto-calculation of grades, student marks, grade approval from faculty to Dean and student promotion
- **Analysis of the Performance of DNA Sequence Compression Algorithms** Developed an algorithm to analyze the performance between ERGC(Efficient Referential Genome Compression) algorithm and NRGC (Novel Referential Genome Compression) algorithm. Paper published in HELIX Conference (https://bit.ly/2TO2jLb).
- **P2P** Developed Web based P2P file sharing application build on data channel API.

## Honors and Achievements

- Got an accelerated promotion in Goldman Sachs for outstanding performance.
- Lead Web Developer at WSDC(Web and Software Development Cell), NIT Warangal, 2016-17.
- 3rd position in college in Microsoft Online Hacking Competition 'Build The Shield' , 2016
- AIR 4519 out of 12 lakh candidates in JEE Main, 2013.
- Ranked 28th among 1.5 lakh students in intermediate Rajasthan Board,2013.