Shyam Kumar Jalamadula

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HackerRank LinkedIn

INTERNSHIP

- **Salesforce Administrator Virtual Internship** | Salesforce *July 2022 – Sept 2022*

  I have completed a diverse array of Salesforce Trailhead modules, including fundamental topics such as organizational setup, sales, service, and process automation, along with advanced topics like security and data management. Notably, I have achieved proficiency by earning three Super Badges in security, business administration, and Lightning Experience reports & dashboards, underscoring their dedication and expertise in Salesforce technologies.

EDUCATION

- Bachelor of Technology |Lendi Institute of Engineering and Technology *67%| 2023*
- 12th Standard | Narayana Junior College *84% | 2019*
- 10th Standard | S.M.T Godavari Devi Saraf High School *80% |2017*

SKILLS

- **Languages:** Python, SQL
- **Technologies:** Database management, HTML, CSS
- **Tools:** MySQL, PostgreSQL
- **Soft Skills:** Analytical thinking, Problem Solving, Team management, Communication

PROJECTS

- **3-Tier Cloud Architecture Project on Azure**
  - I built a 3-tier setup on Microsoft Azure, creating a web server running NGINX, an app server with Tomcat, and a MySQL database, each in its own subnet for better organization and security. I set up a resource group, virtual network, and network security rules to control traffic flow, making sure the web server could connect to the app server, and the app server could connect to the database, while blocking things like direct SSH access to the database from the web server. I automated the whole process, tested connections with telnet to confirm everything worked as expected, and learned a lot about cloud setups, networking, and keeping systems secure and scalable.

- **2-Tier Azure Cloud Project with Load Balancers**
  - I have created a 2-tier setup on Azure with an NGINX web server and a Tomcat app server, each in its own subnet to keep things organized and secure. Using Azure, I got everything up and running—resource group, virtual network and security rules to control how data moved around. I added a public load balancer so people could hit the web server from the internet and a private one to handle traffic between the web to app servers safely. I tested it all with telnet to make sure it worked like rules implemented for them.

CERTIFICATES

- NPTEL |The Joy of Computing using PYTHON | [Enrollment ID: NPTEL22CS122S64390255]
- Open EDG Python Institute | PCAP: Program Essentials in Python
- Accenture Nordics | Developer Program Simulation | Enrolment Verification Code BxwvhrkPtNdu7jFfb
- UnStop | Participation in MCQ Challenge of House of Code (Campus Edition)