Shradha Seth

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EDUCATION

Masters of Computer Applications
Vellore Institute of Technology, Vellore
GPA: 9.29(Winter Semester), 8.28(Fall Semester)   **2019 -2021**
Relevant Coursework: Cloud Computing, Object Oriented Software Engineering, Data Structures and Algorithms, Distributed operating Systems

Bachelors in Computer Applications   **2016-2019**
Panjab University, Punjab
Percentage: 78%
Relevant Coursework: Database Management, Java, Web development, operating systems

Class 12th   **2015-2016**
B.C.M Arya Model Sr. Sec. School, Ludhiana, Punjab (CBSE)
Percentage: 78.4 %
Stream- Non-Medical

Class 10th   **2013-2014**
B.C.M Arya Model Sr. Sec. School, Ludhiana, Punjab (CBSE)
CGPA: 8.6

TECHNICAL SKILLS

Technology*:*   Java, Python, C, JSON, NumPy, Pandas,JavaScript, HTML, CSS
Frameworks*:*   AWS, Docker
Databases and Tools*:*   MySQL, Terraform, Kubernetes
Other: Problem Solving, Analytical Thinking, Presentation, communication

PROFESSIONAL EXPERIENCE

Hybrid Multi cloud computing Intern at LinuxWorld Informatics Pvt Ltd.

"End to end automated infrastructure created for deployment of applications"
- Built an automated infrastructure for deployment of applications.
- Code is written in terraform tool using HCL language that includes all the necessary resources required for deployment
- The whole infrastructure can be launched on execution of this single code

"Wordpress with MySQL"
- MySQL database and Wordpress are deployed using Kubernetes.
- Replication set are created for recovery in case of failure using YAML code.
- MySQL deployment and wordpress deployment code are created and integrated and the whole process is synchronized using kustomization file.
- On execution of only kustomization file, database is created and we get the ip and port and can use that ip for wordpress execution.

ACADEMIC PROJECTS

"Face detection using AWS"
- Used AWS services to detect the number of faces in the image.
- Integration of ec2, S3 and Amazon Rekognition service is done using PHP code.

"Human Activity Recognition using Smartphones"
- Cleaned the data using hot encoding, Dimension Reduction techniques in Python.
- Used Machine Learning models like SVC, Logistic Regression, Random Forests, KNN to predict the activity performed by the user.

ACHIEVEMENTS AND CO-CURRICULAR

- Participation in Code-a-thon and India's Biggest coding contest by Coding Ninjas **"Code-Kaze".**
- Represented Panjab University and BCM School various times in all India National Level Chess Tournaments.
- Won Punjab chess championship in Women category thrice.
- Poems Published in anthologies.
- A-certificate in NCC.