

## Summary

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I am a graduate of an IT technical college, I strive to gain professional experience. My passion is computer science and new technologies. I am a hard-working, innovative and a creative person. I am looking for opportunities to enhance my working capacities, professional skills, creativity and to serve my organization in best possible way with sheer determination and commitment.

## Education & qualifications

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- Bachelor of Engineering(cse): JUNE – 2019  
**AMC Engineering College**, Bengaluru  
CGPA: 6.40
- Pre-University: MAY – 2015  
**National college Basavangudi**, Bengaluru  
Percentage: 62.33
- SSLC: MAY – 2013  
**New St Joseph English High School**, Bengaluru  
Percentage: 68.96

## Experience

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### INTERNSHIP

**JULY 2018 – AUGUST 2018**

**COMPANY: AARIKA INFOSYSTEMS PVT.LTD.**

**DOMAIN: BIG DATA**

**JUNE 2019 – AUGUST 2019**

**COMPANY: TECHPLEDGE CONSULTING SERVICE PVT.LTD.**

**DOMAIN: CLOUD(AWS)**

## Technical Skills

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- **EC2:** Providing EC2 instances. Hardening EC2 instance with security patches after launching. Modifying security groups to open or close port numbers. Recovering EC2 instance key pair. Modifying instance type in case of demanding more/less resources (CPU/Memory). Providing list of instance information. Shutting down unused Instances. Taking AMI of instances and launch instances using AMI.
- **EBS, S3, EFS, Glacier:** Creating new EBS volumes, modifying existing volume sizes or volume types. Taking volume snapshots for backup. Coping volumes from one availability Zone (AZ) to other AZ if requested. Migration data from one EC2 instance to other. Enabling encryption on EBS and S3 bucket objects. Creating S3 buckets and granting requested permissions through IAM. Enabling life cycle policies to transfer data from one storage class to other. Creating EFS and mounting it in multiple instances.
- **ELB, Autoscaling:** Creating ELBs. Troubleshooting in case of instances are "OutOfService" in ELB. Enabling and analyzing ELB access logs. Creating Launch configuration and Auto scaling Groups. Adding new LC to ASG when AMI updated.

- **VPC:** Creating VPC, Subnets, Route tables, Internet gateways, NACLs etc for new environment. Creating public and private subnets. Creating NAT instances, NAT gateways. Disabling ports in NACLs.
- **IAM:** Creating IAM users and granting with minimal permissions. Generating or modifying IAM policies as per requirement. Creating roles to access one AWS service with other. Enforcing users to use secure password and MFA.
- **CloudWatch, CloudTrail, Trusted Adviser:** Monitoring instance resource utilization through CloudWatch. Creating alarms, events and custom matrix in CloudWatch. Enabling CloudTrail and analyzing logs in case of any event occurred. Collecting trusted adviser reports timely manner and analyzing reports for cost optimization. Working with AWS support in case of any help needed.
- **CloudFormation:** Writing CloudFormation templates to deploy infrastructure as a code. Creating templates to create VPCs, EC2 instances, ELBs, S3 buckets, etc. Modifying existing templates as per requirement.
- **RDS:** Creating RDS instances as per database team requirement. Enabling multi-AZ, read replicas as per demand. Taking snapshots and restoring from snapshots.
- **DevOps Tools:** Versioning using **GIT**. Continuous Integration using **Jenkins**. **Docker** container service. Configuration Management tool **Ansible**.
- **MySQL** and basics of **shell scripting**.

## Projects

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- **Air Pollution Data Analysis and Prediction:** The final year project where data about concentration of individual pollutants was collected and analysed using Big Data and Machine Learning concepts to present the result in the form of graphs to create awareness among general public about the causes and effects of Air Pollution.
- **Aadhar Data Analysis:** A project case study under Big Data involving extraction of useful data and information from a semi structured or structured files. Designed and developed using Apache Hive and HiveQL under Hadoop framework.

## Training

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- **Amazon Web Service.**

## Languages

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- English
- Hindi
- Kannada
- Tamil

## Personal details

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- **Name:** Chethan N
- **Date of Birth:** 07 January, 1998
- **Marital Status:** Single
- **Father's Name:** Narayana N
- **Mother's Name:** Nagarathna N
- **Nationality:** India

## Declaration

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I consider myself familiar with above said aspects & I am also confident of my ability to work in a team and I hereby declare that the information furnished above is true to the best of my knowledge.

**Place:** Bengaluru

**(Chethan N)**