Akash D

AWS Certified Solution Architect - Associate
Cisco Certified Network Associate

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Chennai, India 📍

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Passionate cloud solution architect, certified with AWS SAA and CCNA, having over a year of experience in wireless networks. Hand-on experience with Network protocols, AWS cloud services and tools like ansible, datadog, Kubernetes, Jenkins. Has excellent analytical and problem-solving skills and a strong ability to work with minimal supervision.

EDUCATION

MSc - Cyber Forensic and Information Security
Madras University
12/2021 - Present   *CGPA - 7.5*

BE - Computer Science Engineering
Sri Venkateswara College of Engineering
06/2017 - 05/2020   *CGPA - 7.0*

Diploma - Computer Engineering
Government Polytechnic College
06/2013 - 05/2016   *CGPA - 6.8*

WORK EXPERIENCE

Engineer
Qualcomm Pvt. Ltd.
09/2021 - Present   *Chennai*
Parent Company: Zilogic Systems Pvt. Ltd.

Roles and Responsibility

- Hands-on experience in Manual/Automation Testing of IEEE 802.11 a/b/g/e/n/ac/ax protocols.
- Worked on WLAN stability, performance and stress STA/AP (Manual/Automation) testing for a reputed Client-Qualcomm on protocol 802.11 a/b/g/n/ac/ax standards by analyzing logs.
- Proficient in Designing, Reviewing and Executing Test Cases.
- Diligence in Reporting Issues and tracking issues.
- Setting up test beds and other required provision for testing of AP products.
- Hands-on experience in Product Stability AP testing of various qualcomm chipsets along with Functional viability.
- WiFi SON Endurance Test: The objective here is to test the AP's Stability and performance with SON configuration in Y-topology or daisy chain topology with 4 AP's,28 Clients.
- Reporting the bugs and follow up activities to resolve it.

Wireless Network Intern
Zilogic Systems Pvt. Ltd.
06/2021 - 08/2021   *Chennai*

Learnings

- Fundamentals of Wired and Wireless communication
- Fundamentals of RF and IEEE 802.11 a/b/g/n/ac/ax
- Python scripting for testing functionalities of Access point
- Basics in traffic generator tools like Iperf / Ix Chariot
- Fundamentals of OFDMA, QoS, MU MIMO, 11k/v/r

SKILLS

Skill	Level
Networking (Cisco Routers and Switches)	●●●●○
AWS Cloud Services: EC2, S3, VPC, CloudFront, Route 53, IAM, KMS, ELB, EKS, ECS, RDS, DynamoDB, CloudFormation, CloudTrail, CloudWatch, AutoScaling, WAF, Network Firewall, GaurdDuty	●●●●○
Linux Commands(Ubuntu)	●●●●○
CI/CD with Github Actions	●●○○○
IaC With Terraform	●●○○○

CERTIFICATIONS

AWS Certified Solution Architect - Associate (2022 - 2025)
Validation Number XPCEG4JDPN4111K0

Cisco Certified Network Associate (CCNA - Routing and Switching) (2021 - 2024)
Cisco ID: CSCO13714486

ICSI | CNSS Certified Network Security Specialist (06/2020)
Credential Number: 19567897

ACHIEVEMENTS

NCC Army Wing - 'C' Certificate (2017 - 2020)

Organized Swachh Bharat Summer Internship
 (06/2018 - 07/2018)
Special Mention Cadet for the training period of 2018 – 2019 in NCC Army Wing for organizing Swachh Bharat Summer Internship Program 2018.

LANGUAGES

Language	Level
Python	●●●○○
Shell Scripting	●●●○○

TOOLS

Iperf | Ixchariot | Analiti | Multicast Hammer

Wireshark | TCPDump | Omnipeek | Jira

Orbit