

# AKHIL SHIBU

## Full-Stack Developer | Cloud & Networking Specialist

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### PROFESSIONAL SUMMARY:

A results-oriented Full-Stack Developer with experience as a Software Engineer, MEAN Stack development, cloud computing and networking. Involvement in the design, development and deployment of scalable web applications, APIs and cloud based solutions. Familiar with AWS Cloud and network infrastructure to ensure optimal system performance and security. Enthusiastic about using technology to address difficult issues and improve the user's experience. Desiring to contribute my skills in a fast paced and expanding company.

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### PROFESSIONAL EXPERIENCE:

#### Junior Software Engineer

Cateina Technologies ,Mumbai

Jan, 2023 – Jan, 2024

- Delivered high-performance soa applications using middleware integration tools like ibm datapower, ibmapic, ibm mq .
- Troubleshooted various issues related to mq environment and configured ssl certificates for both mq and mqipt.
- Collaborated with new consumers using apic developer portal and trained them on using client id and client secret based authentication.
- Configured sql data source to connect with oracle db and written xslt to perform the data transformation.
- Integrated various applications with json, soap, xml and non-xml services
- Implemented message confidentiality and integrity through encryption , digital signature and schema validation
- Conducted routine backup restoration checks, reducing data loss by 25% and ensuring a 99% data recovery rate.

#### Intern – MEAN/MERN Full Stack

Luminar Technolab, Kerala

Aug, 2022 – Dec, 2022

- Professional exposure in javascript technology such as react js, angular js, MongoDB, express.js and node js.
- Expertise in creating the user validation forms and using the RESTful services for sending the data to the server back.

- Involved in all the stages of software development life cycle like application design, development, debugging and testing all applications.
- Associated in daily scrum meetings to keep track of the projects.
- Comprehension of rdbms through database design, writing queries and stored procedure using database like mysql, mongodb and sql server.

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## ACADEMIC QUALIFICATIONS:

- **MASTER OF COMPUTER APPLICATION**  
APJ Abdul Kalam Technological University, Kerala  
June 2020 – December 2022
- **BACHELOR OF SCIENCE IN PHYSICS**  
Mahatma Gandhi University, Kerala  
July 2017 – March 2020

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## TECHNICAL SKILLS:

- **Programming Languages:** JavaScript, Java, HTML, CSS, Python
- **Networking:** Routing & Switching, VLANs, OSPF, EIGRP, Routed Networks, Network Security, Troubleshooting
- **Network Protocols and Concepts:** OSI Model, TCP/IP, TCP & UDP, ARP, IP Addressing & Classes, DHCP, DNS, NAT, VPN, Loopback, Gateway, DHCP Snooping
- **Hardware & Configuration:** Ethernet, Network Topologies, Switches, Routers, MAC Addressing, Cables & Connectors, Crimping, Subnetting
- **Tools & Practical Skills:** Cisco Packet Tracer, Wireshark, Ping, Creating & Configuring LANs, API Management
- **Cloud & Infrastructure:** AWS Cloud (EC2, S3, IAM, VPC, Cloud Security, Load Balancing, Infrastructure Automation)

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## PROFESSIONAL SKILLS:

- **Project Management:**
  - Proficient in planning, organizing, and overseeing project delivery processes from conception to completion, ensuring adherence to timelines and meeting project objectives.
- **Security and Compliance:**
  - Security best practices, compliance standards, vulnerability assessment, patch management, firewall administration

- **Cloud Platform Management:**
    - Currently preparing for the AWS certified Cloud Practitioner exam
  - **Communication and Collaboration:**
    - Excellent written and verbal communication skills
    - Establish and maintain positive working relationships with team members, clients, and stakeholders
    - Collaborative team player with a strong work ethic
  - **Backup and File Restore Checks:**
    - Conducting periodic backup and file restore checks.
  - **Project Coordination:**
    - Establishing priorities, queue management, project documentation
  - **Operating Systems:**
    - Windows server administration, Linux, Virtualization technologies: VMware
  - **Proactive Maintenance:**
    - Regular proactive server checks, planning and executing network element upgrades
  - **Customer Support:**
    - Passionate about exceeding customer expectations
    - Skilled in de-escalating challenging situations and maintaining a positive attitude
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## **CERTIFICATES:**

- Certification in Networking Basics – Cisco NA
  - Certification in Networking Devices and Initial Configuration – Cisco NA
  - Certification in Network Support and Security - Cisco NA
  - Certification in AWS Certified Cloud Practitioner – Udemy
  - Certification in Cisco 200-301 Certification – Udemy
  - Certification MERN/MEAN Full Stack Developer – Luminar
  - Certification Machine learning Project– iDataalytics
  - Certification JAVA Developer – Soften Technologies
  - Certification in IBM ACE and IBM MQ
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## **Reference**

**LIBIN JOHNSON**

**Chemical Analyst**

**Dubai Central Laboratories**

**Dubai Municipality, Al Karama - Dubai**