Arunkumar Thirumalaivasan

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PROFILE

A passionate and detail-oriented AWS and DevOps Engineer with a strong foundation in cloud computing, automation, and IT support. A proactive problem solver with expertise in AWS services, CI/CD pipelines, infrastructure as code, and system administration. Committed to optimizing performance, enhancing security, and driving innovation in IT environments. Seeking to contribute technical expertise and analytical skills to a forward-thinking organization.

INTERNSHIP

01/2024 – 02/2024 Puducherry	**IT support** Integra Software Services - Provided technical support for hardware and software issues. - Gained hands-on experience in system administration and networking. - Worked with basic AWS services such as EC2, S3, and IAM.

TECHNICAL SKILLS

AWS — EC2, IAM, VPC, Subnetting, ELB, S3, RDS, Dynamodb, AMI, Autoscaling, SNS, Cloudwatch

Devops — CI/CD ,Git, GitHub, GitHub Actions, Jenkins, Terraform, Docker, Basics of Kubernetes

System Administration — Linux, Infrastructure as code (Iac), Windows Server, Virtualization, Hardware installation

Microsoft office — Word, Excel, Powerpoint

EDUCATION

2024	**Bachelor of Engineering Electronics and Communication Engineering** Annamalai University - 81.5% with Distinction
2020	**Class 12th** Lakshmi Chordia Memorial Matric. Hr. Sec. School - 61%
2018	**Class 10th** Lakshmi Chordia Memorial Matric. Hr. Sec. School - 71%

PROJECTS

Cloud-Based CI/CD Java Application Deployment
Developed and deployed a containerized Java web application using Docker, GitHub Actions, and Terraform. Implemented CI/CD automation for building, testing, and deploying the application on a cloud-based infrastructure, integrating version control and infrastructure-as-code practices.

Design and Verification of APB Protocol Using UVM
Designed and verified the APB protocol using Universal Verification Methodology (UVM) during my final year project. Built a complete testbench with sequencer, driver, and monitor to ensure protocol functionality. Gained hands-on experience in digital design and functional verification.

LANGUAGES

- English
- Tamil