

# Arunkumar Thirumalaivasan

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## PROFILE

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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

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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

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**AWS** — EC2, EBS, VPC, Subnetting, Ip address, ELB, S3, Snapshot, RDS, Dynamodb, AMI, Autoscaling, SNS, Cloudwatch, EFS

**Devops** — CI/CD ,Git, GitHub, Jenkins, Terraform, Ansible, Docker, Kubernetes

**System Administration** — Linux, Windows Server, Virtualization, Hardware installation

**Microsoft office** — Word, Excel, Powerpoint

## EDUCATION

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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

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**Design and Verification of APB Protocol Using UVM**

During my final year of engineering, I designed and verified the Advanced Peripheral Bus (APB) protocol, a critical component of on-chip communication. Utilizing the Universal Verification Methodology (UVM), I developed a comprehensive test environment comprising a sequencer, driver, and monitor to ensure thorough validation of APB functionality. This project enhanced my expertise in digital design, functional verification, and industry-standard methodologies for protocol validation.

## LANGUAGES

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• English

• Tamil