SAKTHIVEL MURUGAN S

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- 🔗 View My Portfolio
- Ꞡ Leetcode

PROFESSIONAL SUMMARY

I am a dedicated professional seeking opportunities to showcase my skills across various domains. I am eager to contribute effectively, overcome challenges, and drive success while committing to continuous learning and personal growth.

EDUCATION

B.E Electronics and Communication Engineering,   2021 – 2025 │ Coimbatore
Karpagam Institute of Technology, CGPA: 8

Higher Secondary Certificate,   2019 – 2020 │ Tirunelveli
A.V.Rm.V Matriculation Higher Secondary School, Percentage : 87%

PROJECTS

Mark Average Calculator with AWS Serverless and Terraform ⧉   2024/05 – 2024/05
- Developed a serverless web app for marks calculation using AWS Lambda, API Gateway, DynamoDB, and CloudWatch. Secured access with IAM and automated infrastructure provisioning with Terraform.
- *Technology Used :* AWS Lambda | AWS API Gateway | AWS DynamoDB | AWS CloudWatch | AWS IAM | Terraform

React Portfolio Application with AWS and Docker ⧉   2024/04 – 2024/05
- Deployed a React portfolio website using AWS S3 for hosting, CloudFront for content delivery, and Docker for containerization. Integrated CI/CD pipeline with GitHub Actions for automated deployment.
- *Technology Used :* AWS S3 | AWS CloudFront | AWS EC2 | Jenkins | GitHub Actions | Docker

Sonic Safe ANC Industrial Solution ⧉   2023/05 – 2023/10
- Using an IC741 op-amp and an ANC algorithm, this system captures and cancels surrounding noise, achieving up to 50 dBA reduction. With an 80% noise capture rate, the base model effectively reduces noise pollution in industrial settings.

CERTIFICATIONS

Cloud Foundations, AWS Academy ⧉   2024/07 – 2024/08
- Gained comprehensive knowledge of cloud computing, AWS services, architecture, and security.

Core Java Programming, Infosys Springboard ⧉   2023/07 – 2023/09
- Achieved proficiency in Java, focusing on OOP and fundamentals.

Network Essentials, Cisco ⧉   2023/02 – 2023/04
- Gained foundational knowledge in networking, including topology, protocols, and basic security.

TECHNICAL STACK

Amazon Web Services (AWS) | **Docker** | **Jenkins** | **MySQL** | **Java**

CO-CURRICULAR

Presented a Paper on Blockchain Technology in NGP College ⧉
- Presented a paper on Blockchain Technology at NGP College as part of my interest in cryptocurrency and blockchain applications.

Coordinated for TEKSPARK23 Quiz Event
- Coordinated a 4-round quiz competition at my college for TEKSPARK23. Prepared engaging questions, ensured a smooth event flow for one hour, and received appreciation for my coordination skills.