# Thirumaran M

## Software Engineer

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## 👤 PROFILE

Experienced Backend Developer with strong skills in Python and AWS services.Hands-on expertise in building APIs, automation, and cloud-based solutions.Proficient in DevOps practices using CI/CD pipelines and serverless architectures.Focused on delivering scalable, secure, and efficient backend systems.

## 🧠 SKILLS

AWS   CI/CD   Docker   MySql

Terraform   Python   RESTful API

Git   PostgreSQL   Shell Scripting

## 💼 PROFESSIONAL EXPERIENCE

**Meyicloud Solutions,**
**Associate Software Engineer**
04/2023 – present | Puducherry, India
- Developed and maintained backend services using Python and AWS.
- Designed and implemented CI/CD pipelines for automated deployments.
- Built and optimized serverless architectures using AWS Lambda, API Gateway, and DynamoDB.
- Managed cloud infrastructure, ensuring scalability, security, and cost-efficiency.
- Collaborated with cross-functional teams to deliver high-performance applications.

**Meyicloud Solutions, Trainee Engineer**
09/2022 – 03/2023 | Puducherry, India
- Assisted in developing and testing backend applications using Python.
- Gained hands-on experience with AWS services and cloud-based deployments.
- Supported CI/CD pipeline implementation for automated builds and deployments.
- Worked on serverless computing with AWS Lambda and API Gateway.
- Collaborated with senior developers to troubleshoot and optimize applications.

## 📇 CERTIFICATES

- AWS Certified Solutions Architect – Professional certificate
- AWS Certified Developer - Associate certificate

## 📁 PROJECTS

**Automated Pipeline for Microbiome Analysis**
08/2023 – 03/2025
Developed automation workflows for a research-based project analyzing bacterial composition in human samples.

**Sales Management Application**
01/2023 – 07/2023
Integrated AWS Lambda for serverless processing, Designed and optimized database architecture using RDS for scalable data storage. Implemented API Gateway for secure and seamless communication.

## 🎓 EDUCATION

**Bachelor of Technology,**
**Christ College of Engineering and Technology**
08/2018 – 08/2022 | Puducherry, India