

THILAGAVATHI MC

Software Engineer

Tambaram 600059 | +91 9381659870 | mcthilagavathi@gmail.com

PROFESSIONAL SUMMARY :

IAM Engineer with 2+ years of experience in Okta, Microsoft Entra ID, and security automation, reducing manual efforts by 80% through workflow automation. Full Stack Developer skilled in MERN stack, building scalable applications with RBAC, SSO, and MFA integrations.

WORK EXPERIENCE :

LTIMindtree – Identity & Access Management Consultant (May 2025 – Present)

- Support enterprise User Access Management (UAM) programs for Fortune 500 clients, ensuring compliance with security policies
- Manage on-premises Active Directory infrastructure including user provisioning, security groups, and GPO implementation

Freelance – Full Stack Developer (MERN) (Nov 2024 – Apr 2025)

- Developed secure web applications using React, Node.js, Express, and MongoDB
- Implemented authentication systems integrating JWT and OAuth 2.0 protocols
- Built responsive UIs with modern CSS frameworks and component libraries

AVASOFT – Identity & Access Management Engineer (Jan 2023 – Oct 2024)

- Automated user lifecycle management for 2,000+ identities, reducing provisioning time by 80% using Okta Workflows and Power Automate
- Deployed enterprise SSO solution across 50+ applications via Okta, Entra ID, and 1Password integration
- Enforced RBAC policies and implemented phishing-resistant MFA (FIDO2/WebAuthn)
- Achieved SOC 2/ISO 27001 compliance by documenting IAM controls and audit processes
- Reduced IT service tickets by 90% through automation of access management workflows

KEY PROJECTS :

1. Cross-Tenant Identity Sync (Okta & Microsoft Entra ID) (IAM Project)

- Role: IAM Automation Lead
- Impact: Enabled secure B2C identity synchronization across 3+ tenants, reducing access delays by 70%.

2. IAM Governance & Compliance Automation (GRC Project)

- Role: Security Compliance Engineer
- Impact: Automated access reviews & role certifications, cutting audit preparation time by 50%.

3. Employee Management System (MERN Stack) (Full Stack Project)

- Role: Full Stack Developer
- Impact: Reduced HR onboarding time by 30% with automated profile creation and RBAC.

SKILLS:

IAM & Security:

Okta, Microsoft Entra ID, SSO, RBAC, MFA, IAM Governance, Conditional Access Policies

Full Stack Development:

React, Node.js, Express.js, MongoDB, REST APIs, JWT Authentication

Automation & Tools:

Okta Workflows, Power Automate, Git, Postman

EDUCATION:

Bachelor of Engineering (B.E.), [EIE]
Panimalar Engineering college | 8.5 CGPA
Aug, 2019 – May, 2023

ADDITIONAL INFORMATION:

Certifications

- Okta Certified Professional
- MERN Stack Development Certification

Languages

English, Tamil, Telugu