

TAMILSELVAN M

OBJECTIVE Astute young professional seeking for a perfect platform to leverage my learnings in an effective manner for the betterment of the organization.

SKILLS & ABILITIES
Programming: .Net Framework, C#, Python
Web Technologies: HTML, CSS, JavaScript
Database: SQL Server, MongoDB, MySQL

EXPERIENCE **HONEYWELL TECHNOLOGY SOLUTIONS LAB PVT LTD, BANGALORE**
July 2019 - Present
Centre for Advanced Solutions (CAS) facilitates development of advanced integrated solutions for Building Management Systems (BMS) with various third-party tools and services to provide manageability, comfort and safety to the buildings.

EDUCATION **B. TECH – INFORMATION TECHNOLOGY (2015 – 2019)**
MADRAS INSTITUTE OF TECHNOLOGY, ANNA UNIVERSITY
CGPA – 8.01

PROJECTS **ENTERPRISE ACCESS CONTROL MANAGEMENT SYSTEM (2020 – 2021)**
An Application that facilitates synchronization of Active Directory data with Pro-watch Access Rights Management system to manage user access to buildings.
Technology: C#, MQTT, REST API, SQL server.

BUILDING HEALTH MANAGEMENT DASHBOARD (2020)
A Realtime dashboard that helps building owners/operators to maintain healthiness of the building by providing automated alerts of Mask, Thermal and Social Distancing non-compliance events happened in the building.
Technology: C#, Signalr, MVC, JavaScript, REST API, SQL server.

PHYSICAL KEY MANAGEMENT SYSTEM (2019)
An application that facilitates integration of Enterprise Building Integrator (EBI) with KEMAS (permissions management platform for people, objects and devices) to provide management of user access to physical keys available in buildings.
Technology: C#, MVC, JavaScript, SQL server.

PARKING GUIDANCE SYSTEM USING VACANT SPOT DETECTION (2018)

A Realtime application that provides users with parking guidance information by using image processing technology to find the vacant spots in the parking zone.

Technology: Matlab.

WEB SECURITY ENHANCEMENT USING HONEY ENCRYPTION (2018)

A web application that protects users from hackers who tries to get access to their account by means of Brute-Forcing and other such attacks.

Technology: PHP, JS, MySQL.

MOVIE RECOMMENDATION SYSTEM (2018)

An Application developed using R programming language to provide recommendations for users Based on their search behavior with aid of Machine learning algorithms.

Technology/Algorithms: R, KNN, K-Means Clustering,MySQL.

LEADERSHIP

Chairman of MIT Web Team (Jul 2018 - Apr 2019).

Treasurer of Athenaeum (MIT's Cultural Body) (Jul 2017 – Apr 2018).

Student Co-Ordinator of FFE trust for MIT (Oct 2015 – Mar 2019).

Member of Core-Organizing team for technical symposiums.