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ABOUT US!

Payilagam, the **Best Software Training Institute In Chennai With 100% Placement Guarantee**, has been shaping successful IT careers with over **13+ Years Of Experience**. We provide real-time, industry-focused training led by **Experienced Professionals** from the IT industry, ensuring you gain practical skills that companies actually need. Our courses include **HTML, CSS, JavaScript, React, Java, Python, PostgreSQL, GitLab, And WordPress**, designed to make you job-ready from day one. At Payilagam, we don't just teach, we guide you step-by-step towards your career with our **100% Job Guaranteed Courses**, helping you confidently step into the IT industry.



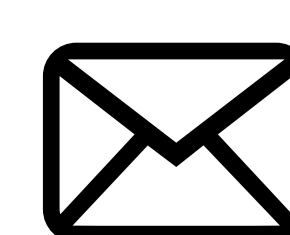
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info@payilagam.com

OUR LATEST PLACEMENTS



Megha **BE AI (2025)**

ML DATA ASSOCIATE ROLE 1



Sasireka **MSc. CS (2025)**

ASSISTANT SYSTEM ENGINEER



Divya Bharathi **BE ECE (2026)**

SOFTWARE ENGINEER



Ramya **B.E. CSE (2025)**

DATA ANALYST



Vidhya Varshini
B E Aeronautical (2025)

WEB DEVELOPER



Deenadhayalan **BSc CS (2025)**

TECHNICAL SUPPORT ENGINEER



Dharshini E **B.E CSE (2025)**

FULL STACK DEVELOPER INTERN



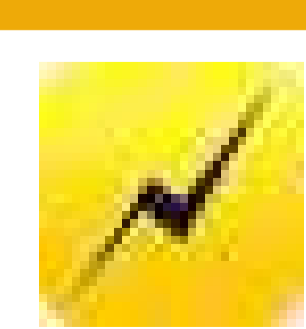
Vimala G **BE ECE (2016)**

SOFTWARE ENGINEER



Ramesh **B.Com (2025)**

SOFTWARE ENGINEER



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OUR LATEST PLACEMENTS



Sathish **MSc (2023)**

SOFTWARE ENGINEER



Ranjith **BSc Physics(2021)**

ANGULAR DEVELOPER



Bharath **MSc Maths (2021)**

ANGULAR DEVELOPER



Iyappan **MCA (2025)**

SOFTWARE ENGINEER



Bhuvana Sri R **B.E CSE (2025)**

SOFTWARE ENGINEER



Pavithra **MCA (2025)**

NETWORK ENGINEER



Keerthika **MCA (2025)**

REACT DEVELOPER



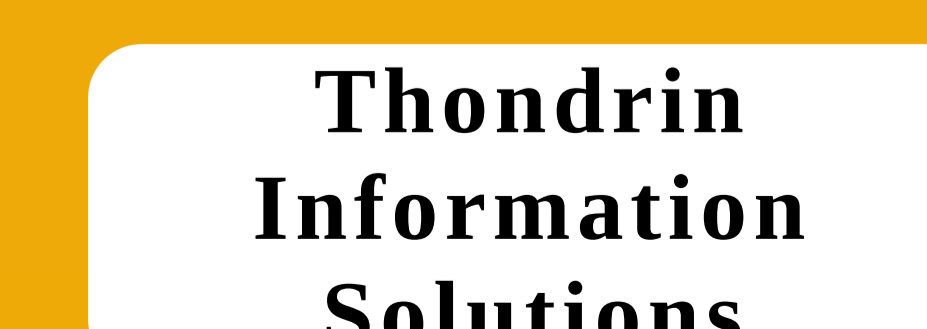
Vasanth S **B.E Mech (2021)**

SOFTWARE ENGINEER



Gayathri **BE CSE (2025)**

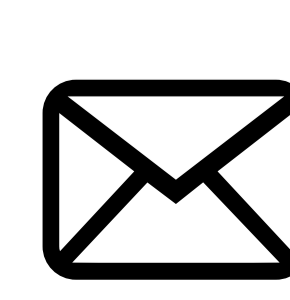
SOFTWARE ENGINEER



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OUR LATEST PLACEMENTS



Vadivu Lakshmi G
MSc Chemistry(2018)

FULL STACK DEVELOPER INTERN



Ponvel M **BE CSE (2024)**

SOFTWARE ENGINEER

Thondrin
Information
Solutions



Uthaya **ME (2015)**

ANGULAR DEVELOPER



AJAY RAJA **B.Tech CSE (2025)**

DEVOPS ENGINEER INTERN



Ashok **BE ECE (2025)**

DATA ANALYST INTERN



Manikandan **B.Sc (2025)**

DATA ANALYST



Vigneshwaralingam
B.E CSE (2025)

SOFTWARE ENGINEER



Swetha.P **B.Sc CS (2025)**

SOFTWARE ENGINEER INTERN



Kavya S **BE CSE (2025)**

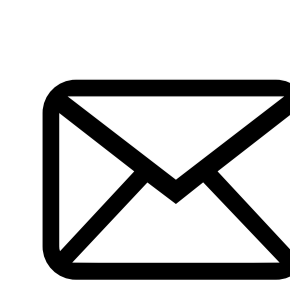
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SPRING BOOT WITH MICRO SERVICES

Module 1: Web Technology

- What Is A Server, Basic Client-Server Architecture
- Understanding HTTP Methods
- HTTP Status Codes
- What Is Spring And Spring Boot
- Learning The Architecture Diagram Of Spring MVC, Understanding The Flow Of Spring MVC

Module 2: Maven Key Concepts

- How To Build A Maven Project
- Maven Life Cycle, Building JAR And WAR Files
- Difference Between JAR And WAR

Module 3: Spring Boot With REST API

- Understanding The Basic Annotations Used For Building A Monolithic Enterprise Application
- Creating POJO, Using Lombok Dependency
- Creating Service Layer
- Connecting Controller, Service, Repository, And Entity
- RestTemplate Implementation
- Consuming REST API With A Real-Time Scenario

Module 4: Spring Data Validation

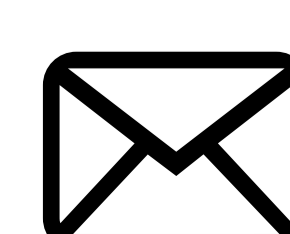
- Validating The Incoming Request, Types Of Validation

Module 5: Spring JPA

- What Is A Repository And Its Types
- Difference Between CRUD And JPA Repository
- User-Defined Query

Module 6: Spring Hibernate

- Hibernate Concepts, One-To-One Mapping, One-To-Many Mapping, Many-To-Many Mapping
- Creating Custom Queries (Native Query And JPQL)



SPRING BOOT WITH MICRO SERVICES SYLLABUS

Module 7: Spring Connectivity With PostgreSQL

- Usage Of JDBC Driver
- Setting Path In Application Properties File

Module 8: Spring Security

- Spring Security Architecture
- Spring Default Authentication
- Spring Basic Auth
- Spring In-Memory Authentication
- Spring JWT Authentication
- Creating Various Roles For Users
- Authorization And Authentication As Per Roles

Module 9: Spring Exception Handling

- Global Exception Handling
- Handling Default And User-Defined Exceptions
- Presenting Proper Error Messages As Per The Exception Occurred

Module 10: Thymeleaf

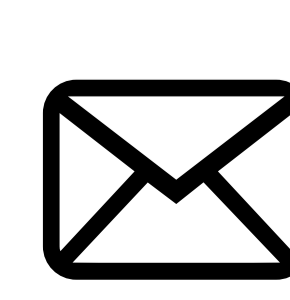
- Adding Thymeleaf Dependency, Understanding Front-End Flow
- Using Thymeleaf Templates For Our Project To Create Front-End Views

Module 11: Spring Boot Cache

- Implementation Of Redis Cache Service.

Module 12: Spring Micro Services

- What Are Micro Services?, Monolith Vs. Micro Service Architecture
- Benefits And Challenges Of Micro Service
- Implementation Of Service Discovery
 - 1. Eureka Server
 - 2. Eureka Client
- API Gateway, Spring Cloud Gateway, Application Monitoring
- Actuator, Docker Basics



SPRING BOOT WITH MICRO SERVICES SYLLABUS

Module 13: Spring Logging

- Implementing SLF4J For Logging Service.
- Creation Of Log File And Maintenance.
- Asynchronous Event Handling Using Kafka.
- Integration Of Spring With Kafka Service

Module 14: AI Fundamentals For Developers

- What Is AI / ML / GenAI
- Real-World Backend Use Cases
- API-Based AI Vs Model Training

Module 15: Integrating AI With Spring Boot

- Calling OpenAI APIs
- Prompt Engineering Basics
- Handling Responses
- Error Handling

Module 16: Advanced AI Backend Concepts

- Embeddings & Vector DB
- RAG (Retrieval-Augmented Generation)
- AI Microservices Design

AI Projects

- AI Chatbot API
- Resume Analyzer
- AI-Powered Microservice

Tools Used In Course

- IntelliJ Or Eclipse - IDE
- Postman - API Development
- DBeaver - Database (PostgreSQL)
- GitLab - Code Versioning

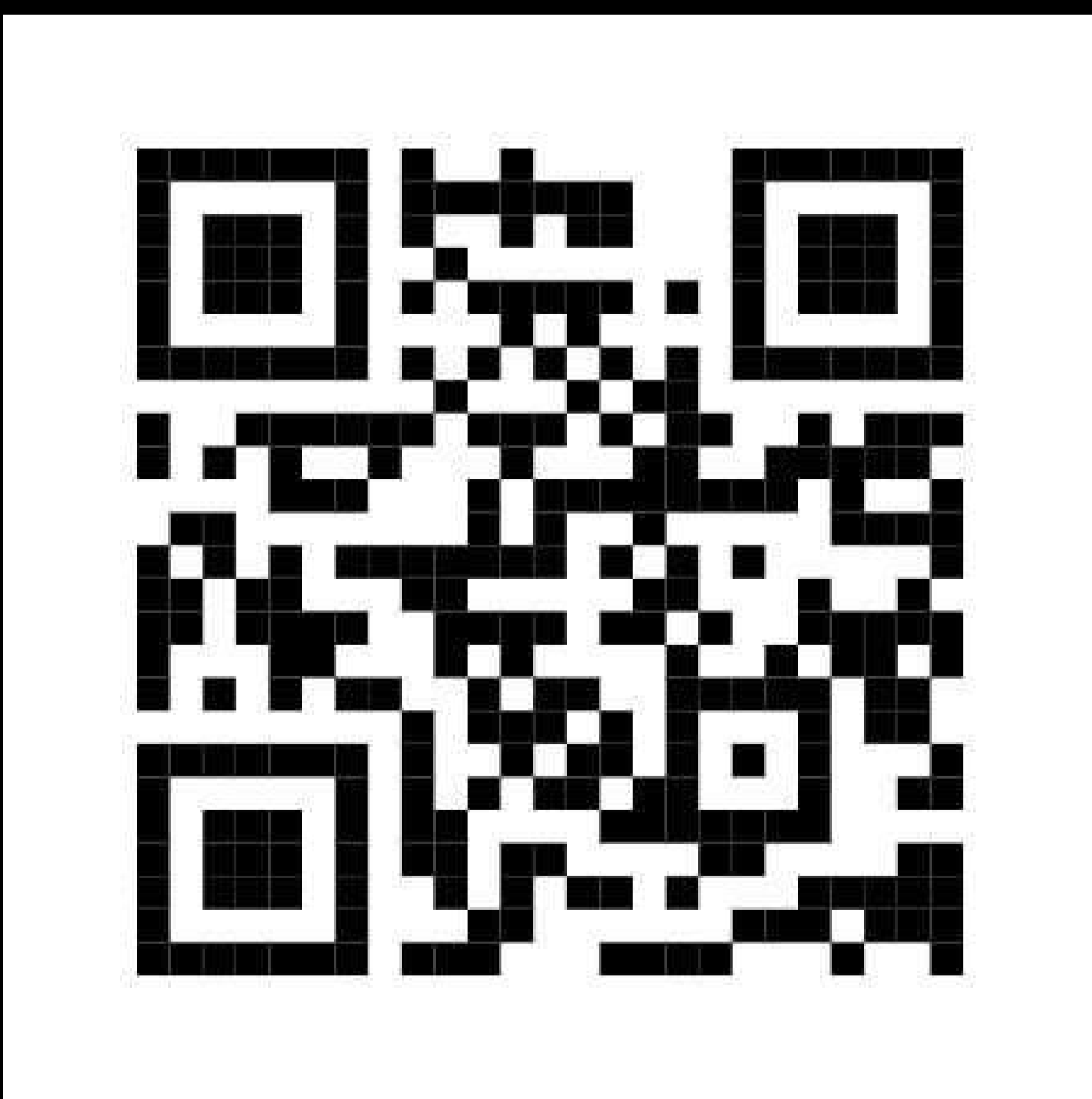
*****Assignments Will Be Given After Each Module*****



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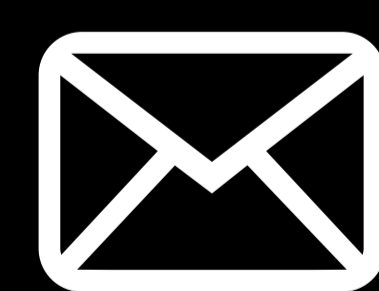


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+91 8344 777 333

+91 8883 775 533



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No: 7, 1st Main Rd,
BHEL Shakthi Nagar,
Vijaya Nagar,
Velachery, Chennai,
Tamil Nadu 600042