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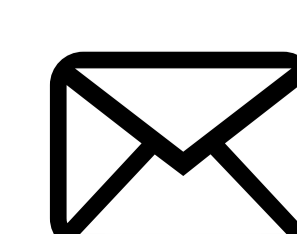
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ABOUT US!

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.



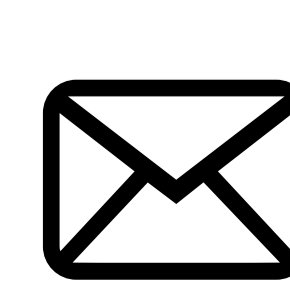
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OUR LATEST PLACEMENTS



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



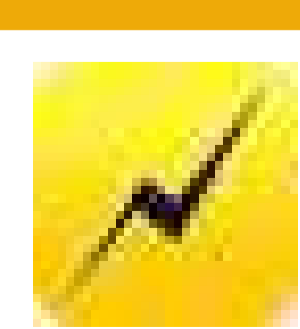
Vimala G **BE ECE (2016)**

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



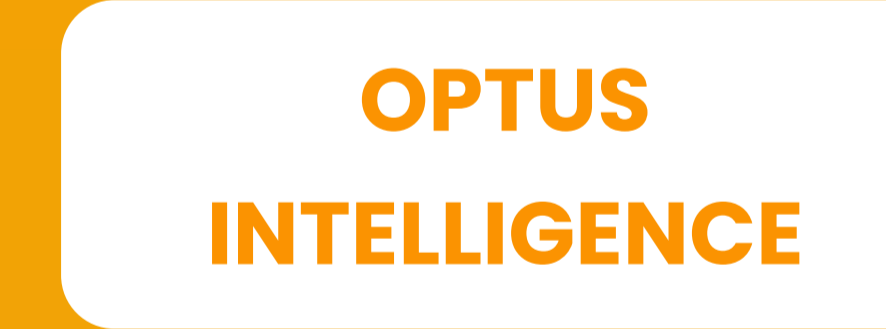
Iyappan **MCA (2025)**

SOFTWARE ENGINEER



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

SOFTWARE ENGINEER



Pavithra **MCA (2025)**

NETWORK ENGINEER



Keerthika **MCA (2025)**

REACT DEVELOPER



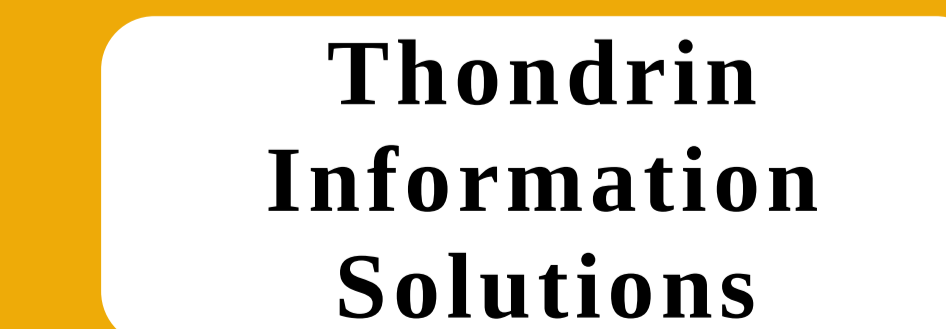
Vasanth S **B.E Mech (2021)**

SOFTWARE ENGINEER



Gayathri **BE CSE (2025)**

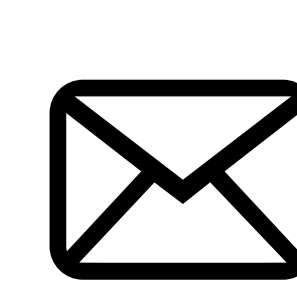
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OUR LATEST PLACEMENTS



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)**

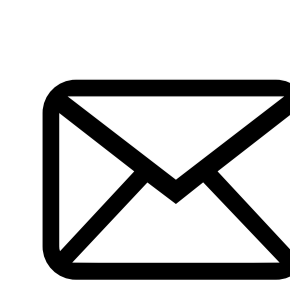
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SELENIUM

Module 1: Introduction About Selenium Automation

- Introduction About Testing
- Why And When Automation?
- Need Of Test Automation
- Selenium Introduction – What Is Selenium And Why Selenium?
- Introduction Of Selenium Components

Module 2: Introduction About Java Installation

- Introduction About Java. Where It Is Used?
- History Of Java. Why Java Name For Java Language?
- Difference Between JDK, JRE And JVM
- Variables And Datatypes In Java

Module 3 : Basic Java OOPs Concepts

- Object And Class In Java
- Constructors And Methods
- Arrays And Keyword
- Inheritance And Types
- Types Of Polymorphism

Module 4: Method Overloading And Constructor

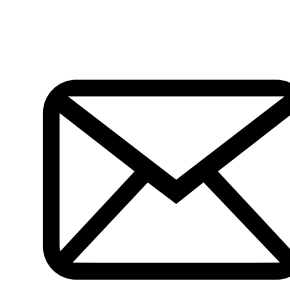
- Anonymous Object
- Method Overloading In Java
- Constructor In Java

Module 5: Static Keyword And Inheritance In Java

- Java Static Keyword – Static Variable, Static Method And Static Block
- Inheritance And Its Types In Java

Module 6: This & Super Keywords And Method Overriding

- Use Of This And Super Keywords
- Method Overriding In Java, Polymorphism In Java
- Final Keyword In Java



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Module 7 : Introduction About Abstraction

- Abstraction In Java
- AbstractClass Vs Interface

Module 8 : Access Modifiers And Java Package

- Access Modifiers, Java Package

Module 9 : Encapsulation And Exception Handling

- Encapsulation In Java
- Exception Handling
- Arrays And Looping Concepts

Module 10 : Configuration About Selenium WebDriver

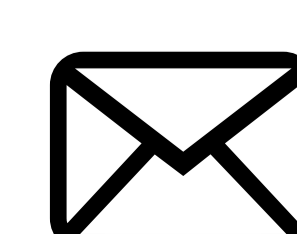
- Introduction About Selenium WebDriver
- Advantages Of Selenium & Architecture Of Selenium Webdriver
- Download And Configure WebDriver With Eclipse
- Setup Firebug For Firefox, Develop Simple Script In Eclipse
- IDE Overview & Selenium-Grid RC Overview

Module 11 : Basic Commands In Selenium WebDriver

- Detailed Discussion About WebDriver Commands
- Installing IDE, IDE Context Menu, Adding IDE Comments & IDE Icons
- Assert & Write Your Own IDE Script Without Record And Playback
- Cross Browser Testing – IE ,Chrome & Recording Your First Test With IDE, Headless Browser Testing

Module 12 : Locators In Selenium Web \Driver

- Object Locators / Identification & Selenium Internal Architecture
- Drivers For Firefox, IE, Chrome, Opera, Safari And HTML Unit Driver.
- Detailed About Id, Name, ClassName And TagName Locators
- Installing And Configuring Eclipse For Web Driver, Locators In Selenium(ID, Class Name, Partial Link Text, Name, Link Text)



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Module 13 : Xpath And CssSelector Locators

- Detailed About Xpath And CssSelector Locators

Module 14 : Switching Between Windows

- How To Handle The Multiple Windows (Browsers) In Selenium WebDriver, Handling Frames, Pop-Ups And Alerts

Module 15 : Mouse Movements And Keyboard Events

- Handling Mouse Over Actions
- Handling Keyboard Events

Module 16 : Introduction About TestNG Framework

- Introduction About TestNG Framework, Configure TestNG Into Eclipse
- TestNG Annotations, TestNG Sample Scripts & Selenium Testing Script From Scratch
- Creating Test Suites Using TestNG, Reports Generation Using TestNG
- Parameterized Test Cases Using TestNG Framework
- Preparing TestNG Parallel Suite & Running Test Multiple Times, Depends On
- Methods, Grouping, TestNG Listener SampleProgram

Module 17 : TestNG Class And Assertion

- Create Test Using TestNG
- Assertion In TestNG

Module 18 : TestNG Xml And Advance TestNG

- Concept Of Testing – XML
- Advance TestNG

Module 19 : Parameters And Data Provider

- Parameter And Data Provider Annotations
- Parallel Testing In Testing



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Module 20 : Maven & Jenkins

- Maven Features & Maven Build Process
- Dependencies & Maven Automation
- Project Build & CI Tools
- Install Jenkins & Schedule The Build
- Setup Maven Project In & Jenkins

Module 21 : POM Design And Pattern

- Why Page Object Model
- When It Will Be Effective
- POM Design Rules
- POM Implementation Of Rules
- Implementation Of Test Cases
- Using POM Framework

Module 22: AI For Test Automation

- Test Script Generation Using AI
- AI For Writing XPath & CSS Selectors
- Auto Test Case → Automation Script Conversion
- AI For Debugging Selenium Scripts, Test Data Generation
- ChatGPT For Automation Testing
- AI For API Test Script Support
- AI For Framework Setup Guidance, Writing Assertions
- AI For Cross Browser Test Planning, CI/CD Pipeline Support
- AI For Code Optimization In Selenium
- Prompt Writing For Automation Testers
- AI Tools For Faster Test Development

Module 23: AI-Based Automation Projects

- AI Selenium Script Generator Project
- AI XPath Generator Tool (Basic)
- AI Test Automation Assistant
- AI Debugging Helper For Selenium Scripts
- AI-Based Test Framework Support Project

Assignments Will Be Given After Each Module



CI/CD PIPELINE WITH JENKINS

Module 24: Introduction To CI/CD

- What Is CI/CD?
- Continuous Integration Vs Continuous Delivery
- Importance Of CI/CD In Automation Testing
- Real-Time CI/CD Workflow In Software Companies

Module 25: Introduction To Jenkins

- What Is Jenkins?, Jenkins Architecture
- Jenkins Dashboard Overview
- Jenkins Installation & Setup
- Jenkins Plugins Introduction

Module 26: Git & GitHub Integration

- Introduction To Git, GitHub Repository Setup
- Push Selenium Framework To GitHub
- Connect GitHub With Jenkins

Module 27: Jenkins Setup For Selenium Automation

- Configure Java & Maven In Jenkins
- Install Required Jenkins Plugins
- Setup Selenium Maven Project In Jenkins
- Configure Environment Variables

Module 28: Running Selenium Tests In Jenkins

- Execute TestNG Test Cases Using Jenkins
- Run Maven Commands In Jenkins
- Trigger Automation Scripts Automatically
- Generate Build History

Module 29: Jenkins Pipeline

- What Is Jenkins Pipeline?
- Introduction To Jenkinsfile
- Declarative Pipeline Basics
- Stages, Steps, And Pipeline Execution



CI/CD PIPELINE WITH JENKINS

Module 30: CI/CD Automation Workflow

- GitHub Webhooks Integration
- Auto Trigger Builds On Code Push
- Schedule Builds Using Cron Jobs
- Parallel Test Execution

Module 31: Reporting & Notifications

- Generate TestNG Reports
- Extent Report Integration
- Screenshots On Test Failure
- Email Notifications In Jenkins
- Build Success & Failure Alerts

Module 32: Cross Browser & Headless Execution

- Run Tests In Chrome, Firefox, Edge
- Headless Browser Execution
- Selenium Grid Introduction
- Distributed Test Execution Basics

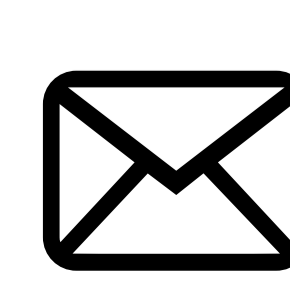
Module 33: Real-Time Practical

- End-To-End CI/CD Pipeline Setup
- Push Code → Trigger Jenkins → Execute Selenium Tests → Reports
- Real-Time Framework Execution Demo

Module 34: Mini Project

- Build Selenium Automation Framework With Jenkins CI/CD
- GitHub + Maven + TestNG + Jenkins Integration Project

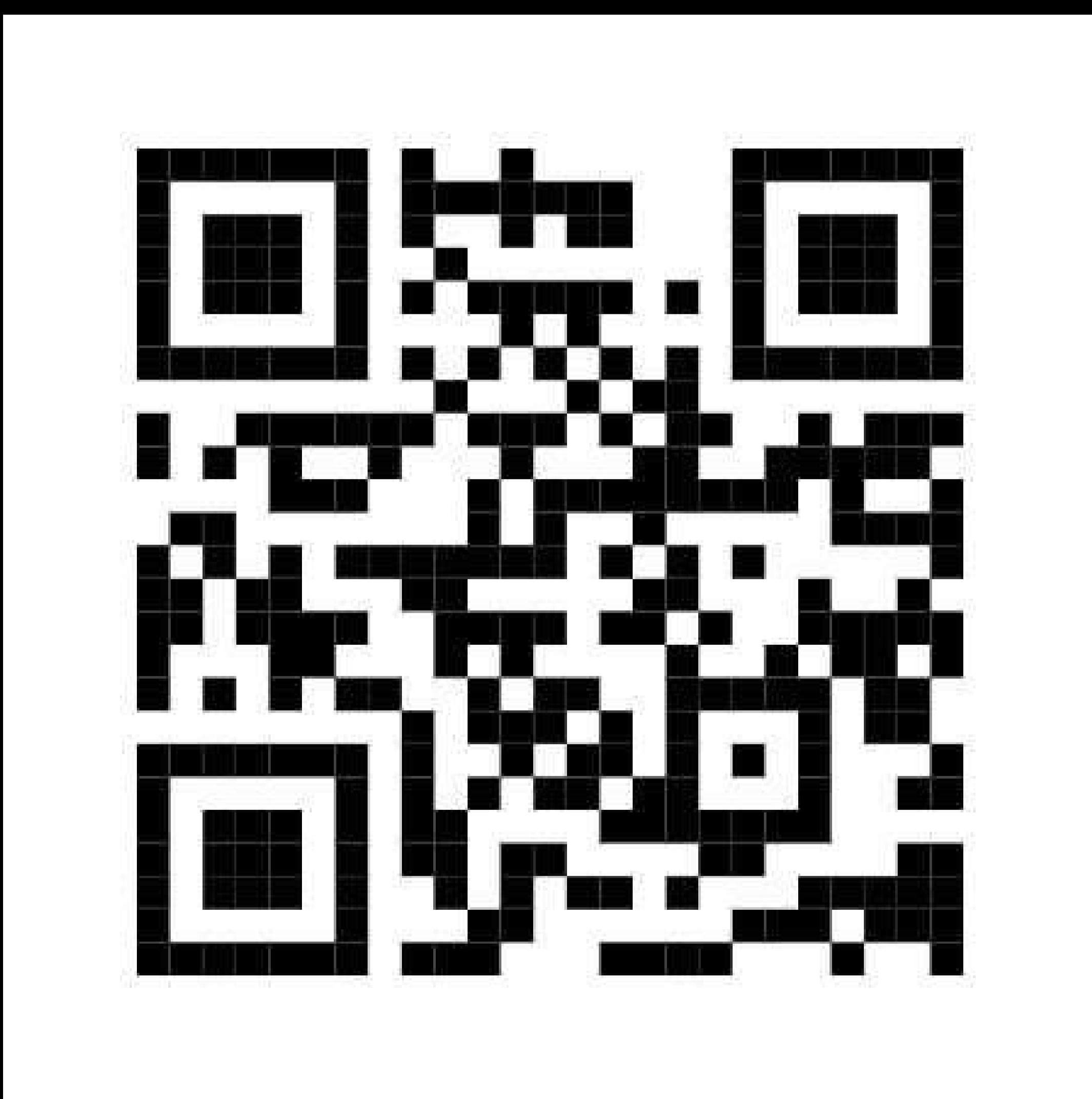
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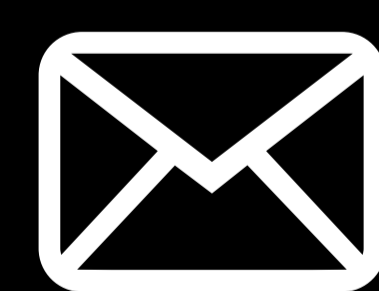


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