


100% Job Guarantee In IT

- ✓ Government Registered Training Institute
- ✓ Current Industry Syllabus
- ✓ Industry-Ready Prep Course With 100% Job Guarantee
- ✓ 100% Project Oriented Training From Basics
- ✓ Unlimited Interviews And Internship Support
- ✓ Individual Focused Training
- ✓ Suits For Fresher, Experienced, Non-IT
- ✓ Check Our  YouTube Videos Before Choosing Us



OUR TRAINEES GOT PLACED IN



.....Still
Counting



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.



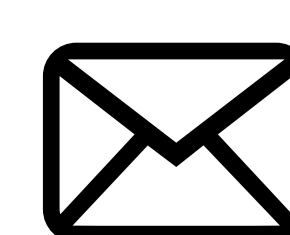
OUR INFRASTRUCTURE



www.payilagam.com



+91 8344 777 333



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



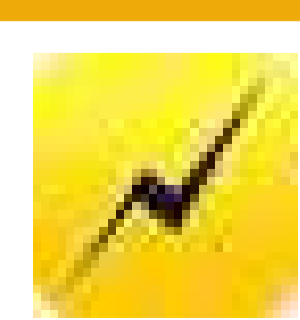
Vimala G **BE ECE (2016)**

SOFTWARE ENGINEER



Ramesh **B.Com (2025)**

SOFTWARE ENGINEER



www.payilagam.com



+91 8344 777 333



info@payilagam.com

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)**

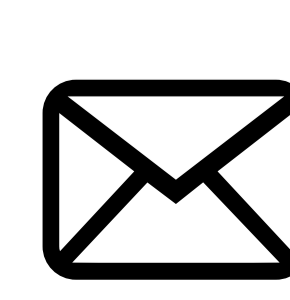
SOFTWARE ENGINEER



www.payilagam.com



+91 8344 777 333



info@payilagam.com

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)**

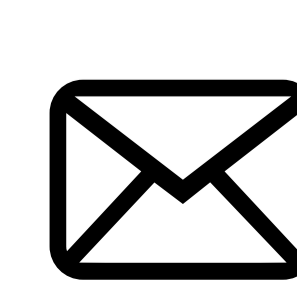
SOFTWARE ENGINEER INTERN



www.payilagam.com



+91 8344 777 333



info@payilagam.com

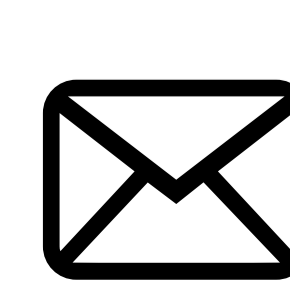
ANDROID DEVELOPMENT

Module 1: Introduction To Kotlin And Your First App

- **Kotlin Fundamentals:**
 - Variables (Val Vs Var) And Data Types
 - Control Flow: If/Else, When Expressions, And For/While Loops
 - Basic Functions: Parameters, Return Types, And Default Arguments
 - Null Safety Basics: Nullable Types Vs Non-Nullable Type
- **Environment Setup:**
 - Installing And Configuring Android Studio.
 - Understanding The Project Structure (Manifests, Java/Kotlin, Res).
 - Using The Device Manager (Emulator) Vs Physical Device.
- **First App Concepts:**
 - Creating A "Hello World" Project.
 - Working With Text And Image Composables.
 - Basic Resource Management (Strings.Xml, Drawables).

Module 2: Building App UI With Jetpack Compose

- **Intermediate Kotlin:**
 - Object-Oriented Programming: Classes, Objects, And Inheritance, Collections: Lists, Sets, And Maps.
 - Lambdas And Higher-Order Functions.
- **Interactive UI & State:**
 - Understanding State: Remember, MutableStateOf, And RememberSaveable, State Hoisting: Moving State Up To Make Components Reusable.
 - Input Components: Buttons, TextFields, Switches, And Sliders.
- **Layouts And Modifiers:**
 - Standard Layouts: Row, Column, And Box.
 - Modifiers: Padding, Sizing, Background, Borders, And Click Handling, Arrangement Vs. Alignment
- **Material Design 3:**
 - Scaffolds: TopAppBar, FloatingActionButton, And BottomBar.
 - Material Components: Cards, Dividers, And Surfaces



ANDROID DEVELOPMENT

Module 3: Lists, Themes, And Styles

- **Efficient Lists:**
 - LazyColumn And LazyRow For Performant Scrolling.
 - Creating Custom List Items (Row/Column Composition).
 - Adding Spacing And Content Padding In Lists.
- **Theming & Styling:**
 - Defining Color Schemes (Light Vs. Dark Mode).
 - Typography: Custom Fonts And Text Styles.
 - Shapes: Rounded Corners And Custom Clipping.
 - CompositionLocal: Accessing Themes Throughout The App.

Module 4: Navigation And App Architecture (Basic MVVM)

- **Navigation Component:**
 - Setting Up The NavController And NavHost.
 - Defining Routes And Navigating Between Screens.
 - Passing Arguments Between Destinations.
- **App Architecture Basics:**
 - Separation Of Concerns: Decoupling UI From Business Logic.
 - Unidirectional Data Flow (UDF) Patterns.
- **ViewModel:**
 - Implementing ViewModel Classes.
 - Managing UI State With StateFlow Or LiveData.
 - Handling Configuration Changes (Screen Rotation).

Module 5: Data Persistence

- **Local Preferences:**
 - Preferences DataStore For Simple Key-Value Pairs.
 - Storing User Settings And Flags.
- **Room Database:**
 - Entities: Defining Database Tables.
 - DAOs (Data Access Objects): Defining SQL Queries As Functions.
 - Database Instance: Using The Singleton Pattern For The Database.



ANDROID DEVELOPMENT

Module 6: Networking And Advanced Topics

- **Networking With Retrofit:**
 - REST API Basics And JSON Structures.
 - Defining Retrofit Interfaces And API Services.
 - **Data Parsing:**
 - Using Gson Or Kotlinx Serialization.
- **Concurrency With Coroutines:**
 - Suspend Functions And Coroutine Scopes (ViewModelScope).
 - Dispatchers: Main (UI), IO (Network/Disk), And Default (CPU).
 - Exception Handling In Network Calls.
- **Image Loading:**
 - Integrating The Coil Library.
 - Loading Images From URLs Into Compose.
 - Handling Placeholders And Error States.

Module 7: Later Units: Adaptive UI, Testing, And More

- **Adaptive Layouts:**
 - Window Size Classes (Compact, Medium, Expanded).
 - Implementing List-Detail Panes For Tablets And Foldables.
- **Debugging:**
 - Using Logcat For Logs.
 - Debugging With Breakpoints And The Layout Inspector.

Module 8: Map And Location

- **Google Maps Integration:**
 - Getting An API Key And SDK Setup.
 - GoogleMap Composable Basics.
- **Map Objects:**
 - Markers: Adding, Customizing, And Click Events.
 - Shapes: Drawing Polylines, Polygons, And Circles.
- **Location Services:**
 - Handling Runtime Permissions (Fine Vs. Coarse Location).
 - **Fused Location Provider:**
 - Getting Current And Periodic Location Updates.



ANDROID DEVELOPMENT

Module 9: MVVM Pattern (Architectural Deep Dive)

- **View:** Compose UI That Observes And Reacts To State.
- **ViewModel:** Acts As A Bridge, Holding State And Processing Events.
- **Model:** Data Layer Consisting Of
 - **Repositories:** The Single Source Of Truth For Data.
 - **Data Sources:** API Services And Local Databases

Module 10: Android Components

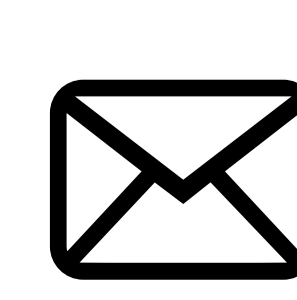
- **Activity:** The Entry Point For Interacting With The User.
- **Service:** Running Background Tasks.
- **Broadcast Receiver:** Listening For System-Wide Events (Battery Low, Airplane Mode).
- **Content Provider:** Managing And Sharing App Data With Other Apps.
- **Intents:** Explicit Vs Implicit Intents For Inter-Component Communication.

Module 11: Firebase Integration

- **Authentication:** Email/Password, Google Sign-In, And Phone Auth.
- **Firestore:** NoSQL Real-Time Cloud Database.
- **Crashlytics:** Real-Time Crash Reporting And Analysis.

Module 12: Next Steps & Projects

- **To-Do List App:** Practice Room Database, CRUD Operations, And ViewModels.
- **Weather App:** Practice Retrofit, Coroutines, And JSON Parsing.
- **Final:** A Full-Featured App Combining Navigation, Network, Local Data, And Firebase.
- **Dependency Injection:** Learning Hilt Or Koin To Manage Dependencies.



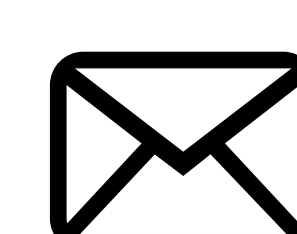
ANDROID DEVELOPMENT

Module 12: Play Store Deployment

- **App Preparation:** App Bundle (AAB), ProGuard And R8: Code Shrinking And Obfuscation, App Versioning And Version Codes.
- **Play Console Management:** Creating A Developer Account, Store Listing, Privacy Policy And Data Safety Requirements
- **Release Management:** Internal, Alpha, And Beta Testing Tracks, Production Rollout And Monitoring Vitals



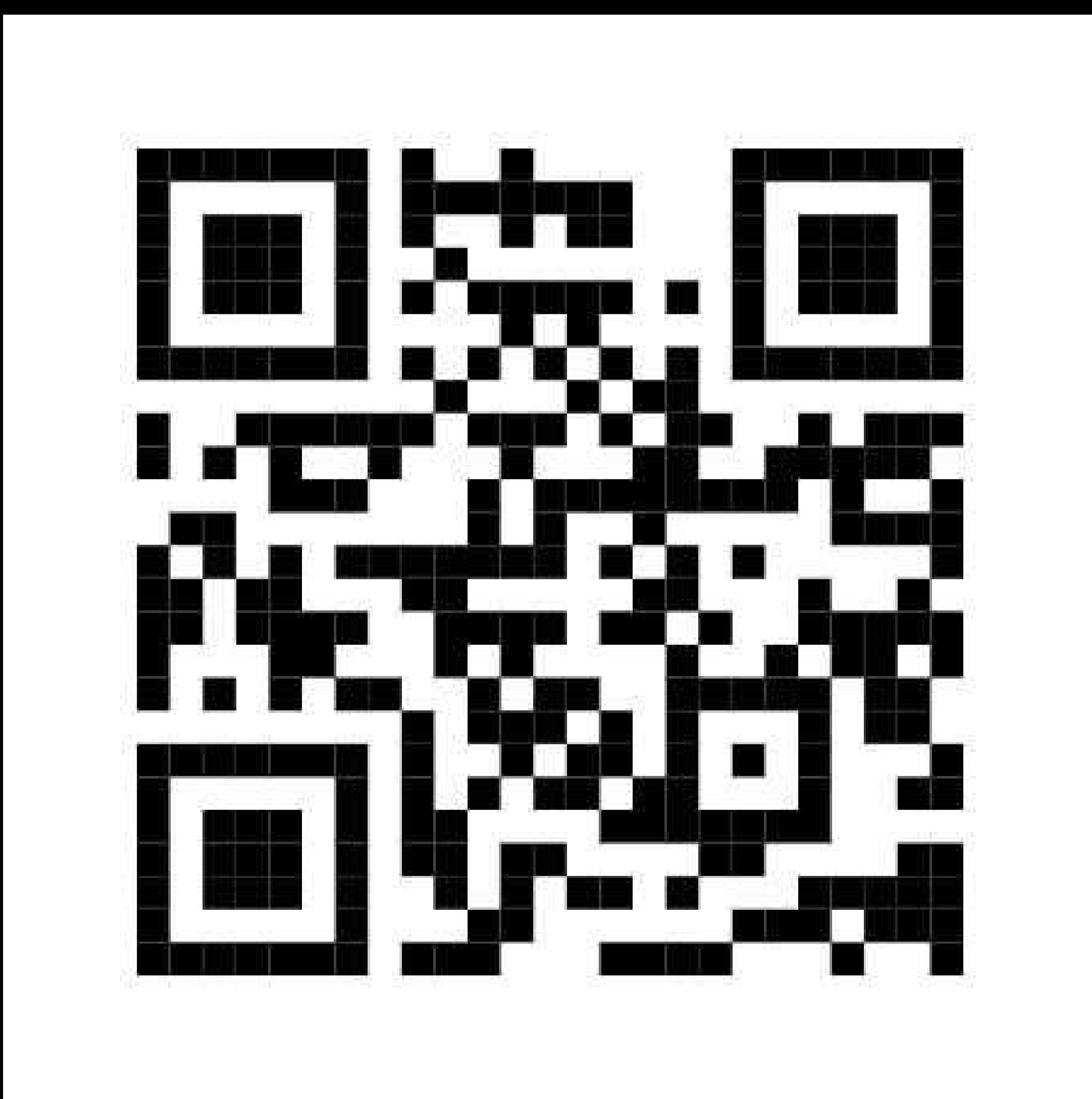
*****Assignments Will Be Given After Each Module*****



“ OUR TRAINEES GOT PLACED IN ”

Connect With Us!



www.payilagam.com



+91 8344 777 333

+91 8883 775 533



info@payilagam.com



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