



Welcome to  
Graduate training  
program, 2023

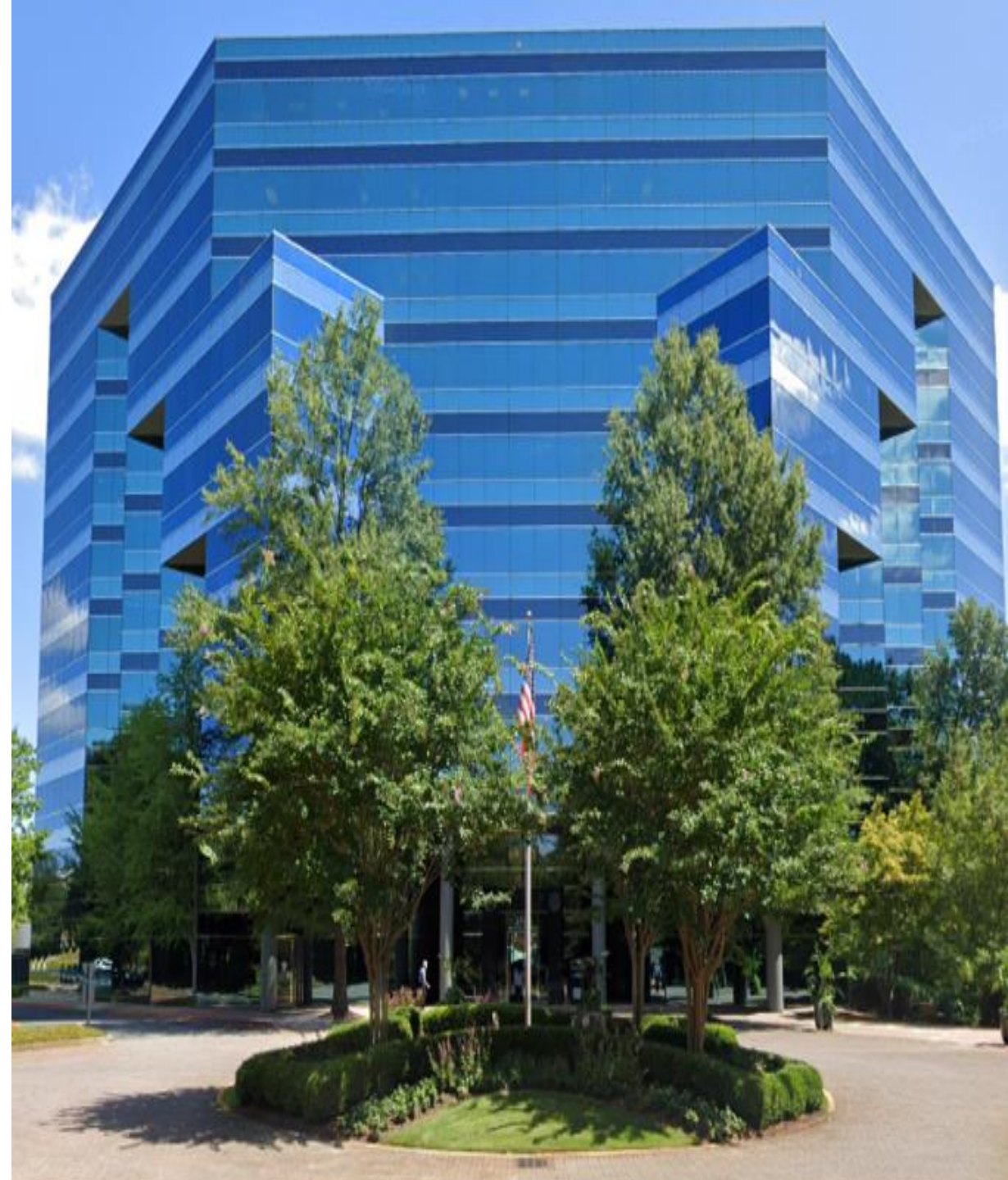




**New Opportunities**

# Graduate Training Program – 2023

Join us as a Graduate at SIS where you can grow and thrive as we power progress together.





# Agenda

- Who we are ?
- Introduction to GTP
- Selection Process
- Offer & Asset issuance
- Introduction to Technology
- Questions





**WHO WE ARE ?**





## ABOUT SIS

SIS (Strategic industry solutions) is a Microsoft gold certified partner. Based out of Atlanta, USA with 30 yrs of excellence in delivering products to Project and Service based industry

SIS offers a fully integrated and industry specific suite 'Construct 365' based on Microsoft Dynamics 365 offerings. Construction, energy / oil & gas, specialty contractors / field service are the industries majorly focused.

Our specialties are ERP & CRM implementation, business intelligence and reporting, customer development and managed service.



**SIS**

# SIS Global Organization

SIS maintains a presence in the United States of America, Canada, Europe, and Asia. Europe is the home of our Dynamics 365 Academy team. And Asia is the home of our product development team.

## SIS LLC

- Executive Management
  - Sales & Marketing
  - Delivery – Consulting
- Delivery – Managed Services

## Duluth Software Services

- Product Engineering
  - Product Delivery – Implementation
- Product Delivery – Support

## SIS UA – Technology Center

- Delivery – Consulting
- Delivery – Managed Services

## SIS Poland – Technology Center

- Delivery – Consulting
- Delivery – Managed Services
- 





# INTRODUCTION TO GTP







DULUTH SOFTWARE SERVICES PRIVATE LIMITED

## GRADUATE TRAINING PROGRAMME, 2023

Are you looking for a career in software engineering ?



### Open Positions

- Programmer Analyst (.NET/D365)
- Programmer Analyst (Web UI/UX)
- UI/UX Analyst (Designer)
- Functional Analyst

**Note:** On successful completion of the training program, candidate will be onboarded to one of the above positions.

### Whom are we looking for?

- Bright minds with no / less work experience.
- Passionate and quick learners.
- Excited to develop software
- Good communication skills in English.

### Eligibility Criteria

- The candidates who had completed their graduation (either UG or PG)
- Applicants must have a minimum of 60% in academics.
- **Programmer Analyst**
  - ✓ Basics of any programming (preferably C#)
  - ✓ Qualification – BE /B Tech /BSC /MSC /BCA /MCA
  - ✓ Completed any software development training (Example: .NET, Java, PHP etc.)
- **UI/UX Analyst**
  - ✓ Qualification – BE /B Tech /BSC /MSC /BCA /MCA
  - ✓ Completed any UI/UX training program
  - ✓ Familiar in tools like Adobe XD, Figma, Sketch etc.
- **Functional Analyst**
  - ✓ Qualification – BBA /MBA /B.COM /M.COM or any finance & accounting degree
  - ✓ Basics knowledge in any ERP.

# PROGRAM DURATION

## 4 MONTHS

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## THE GRADUATE TRAINING PROGRAM DURATION

Effective 2 months virtual / offline Classroom Training (can be accessed from the comfort of your home or At Office location)

On the Job 1-month Professional Practice Term at SIS, LLC  
Job Location: Chennai, Tamil Nadu

## PROGRAM STRUCTURE

### FIRTH TWO MONTHS



Selected Technical Stream  
(Microsoft Dynamic 365 / .NET /  
Training)

### THIRD MONTH



SIS- Specialized Software Product  
Development Process

### FOURTH MONTH



On the Job Training (Advanced Labor  
/ D365 F&O / CE / C365Field)

# TRAINING CULTURE

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## MENTORSHIP CULTURE

Mentoring Culture benefits the mentee and mentor relationship and helps the organization by building an inclusive mentoring culture centered on learning, sharing new ideas, and creating a shared vision during the GTP.

A mentorship program can diminish isolation and exclusivity, while increasing engagement and skill development.

### ADVANTAGES OF HAVING A MENTOR

- Face to face development workshops focusing on training duration
- As assigned Buddy to support your transition into SIS, LLC full-time
- As assigned Mentor to help grow your career inside the project





# DISCOVER YOUR CAREER PATH

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## Program Analyst

- Basic full stack development
- Dynamic 365 – X++



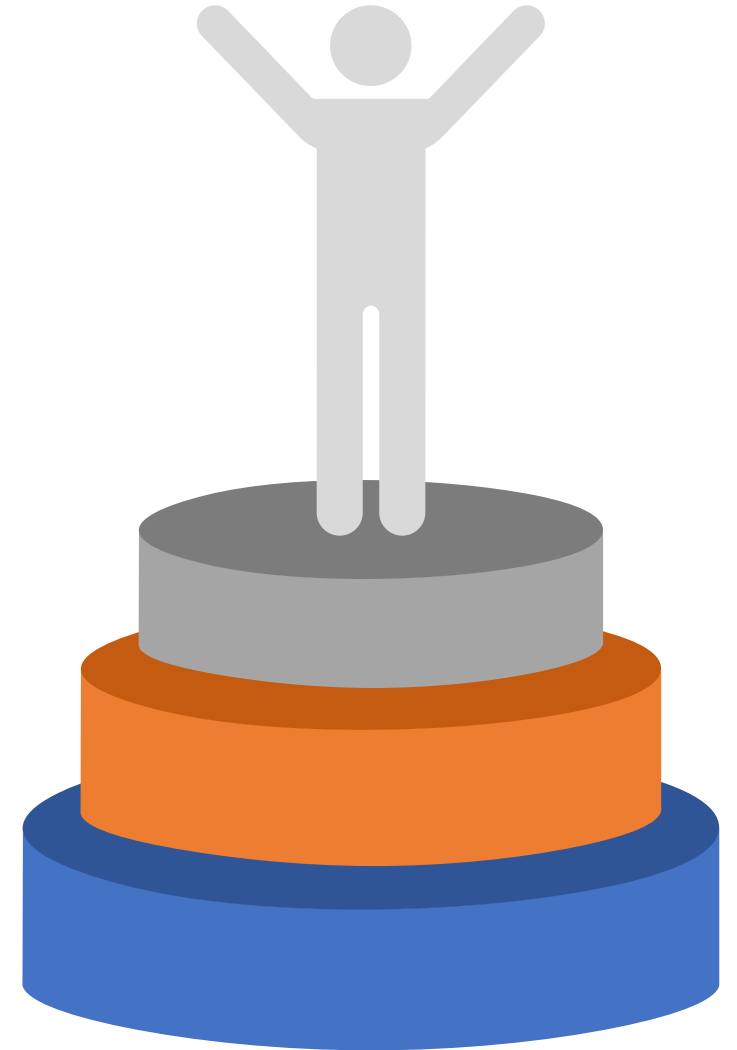
## UI/UX Analyst

- Application Front –End Developer
- UI / UX



## Functional Analyst

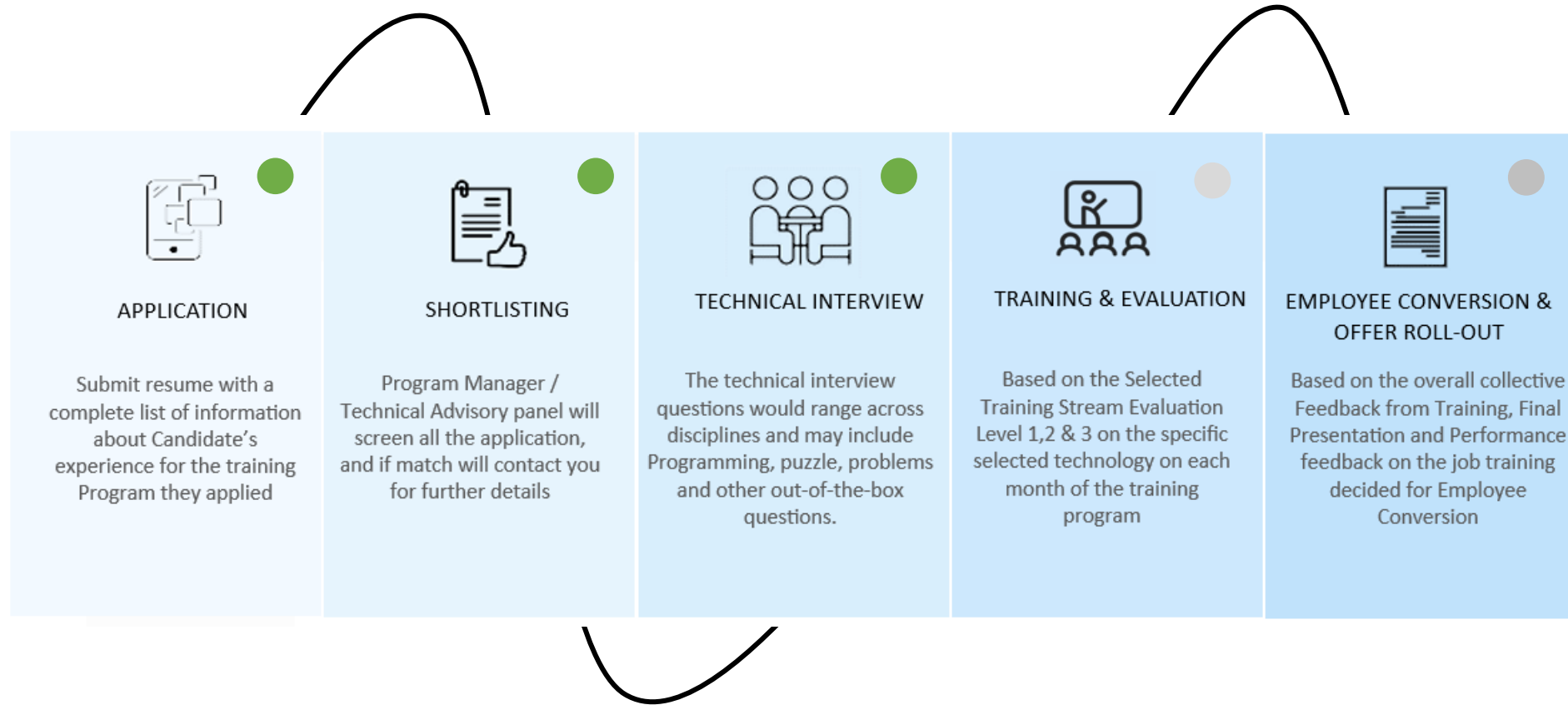
- Finance & Accounting



# SELECTION PROCESS

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## HOW OUR SELECTION PROCESS WORKS



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# ASSET & OFFER

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## COLLECT YOUR OFFER & ASSETS





# QUESTION & ANSWER







# **INTRODUCTION TO TECHNOLOGY STACK**





# FULLSTACK APPLICATION DEVELOPMENT



# FULL STACK DEVELOPMENT

## WHAT IS FULL STACK DEVELOPMENT?

Full stack development is the end-to-end development of applications. It includes both the front end and back end of an application. The front end is usually accessed by a client, and the back end forms the core of the application where all the business logic is applied.

## PROGRAM STRUCTURE

### PRESENTATION LAYER



Angular, MICROSOFT Blazor,  
JavaScript HTML , CSS,

### APPLPLICATION LOGIC LAYER



C#, ASP.NET Core Web  
APIs, X++

### SERVICE FUNCTION LAYER

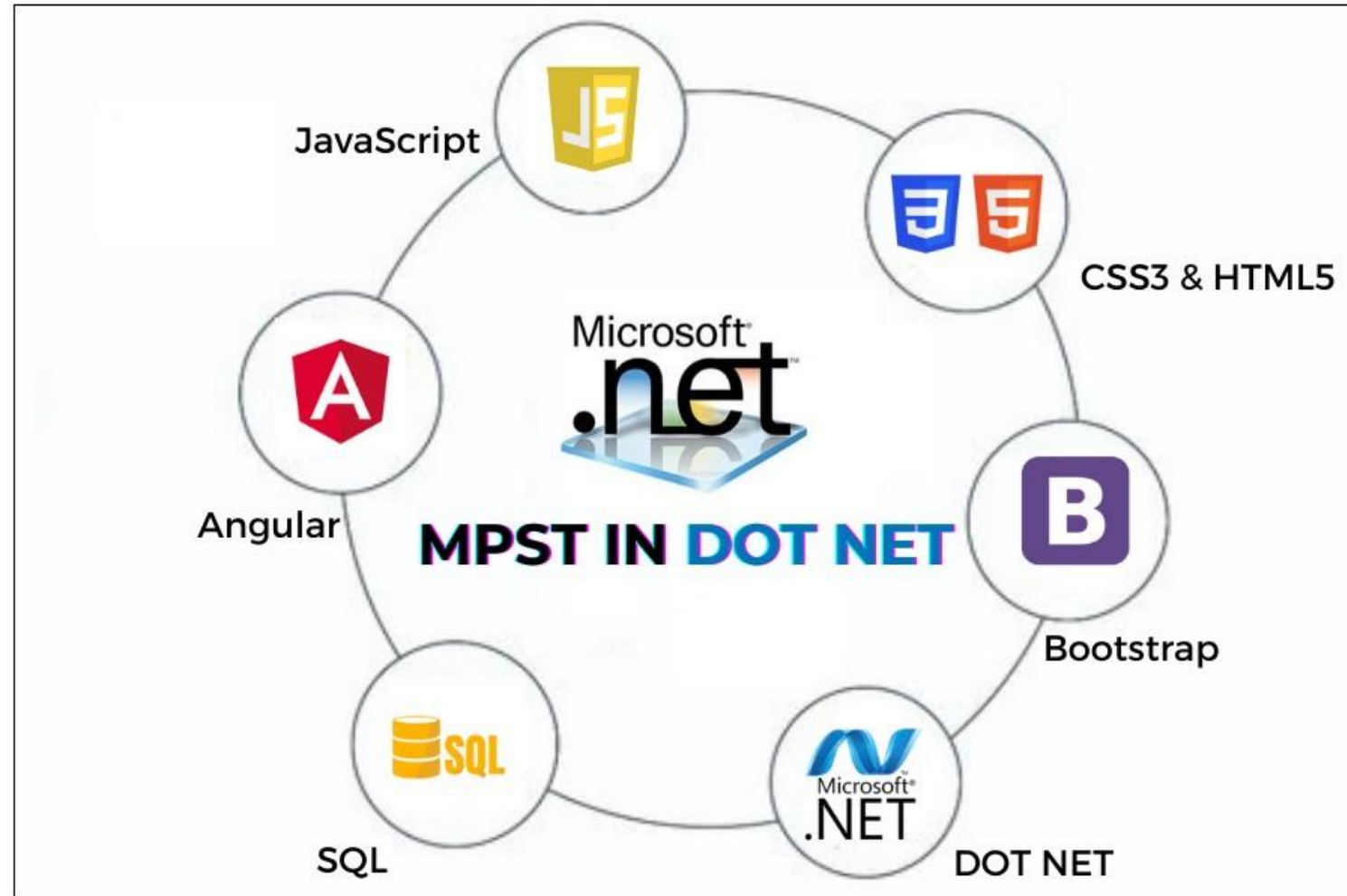


Microsoft SQL Server

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# FULL STACK DEVELOPMENT

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# Full-Stack C# Web App with Blazor in .NET CORE

Blazor is a feature of ASP.NET for building interactive web UIs using C# instead of JavaScript. It's real .NET running in the browser on Web Assembly

Blazor offers all the benefits of the rich, modern single-page application (SPA) platform. Additionally, it allows developers to write the code for the client and server in the same technology (.NET). Also, the same classes can be shared by both client and server code.



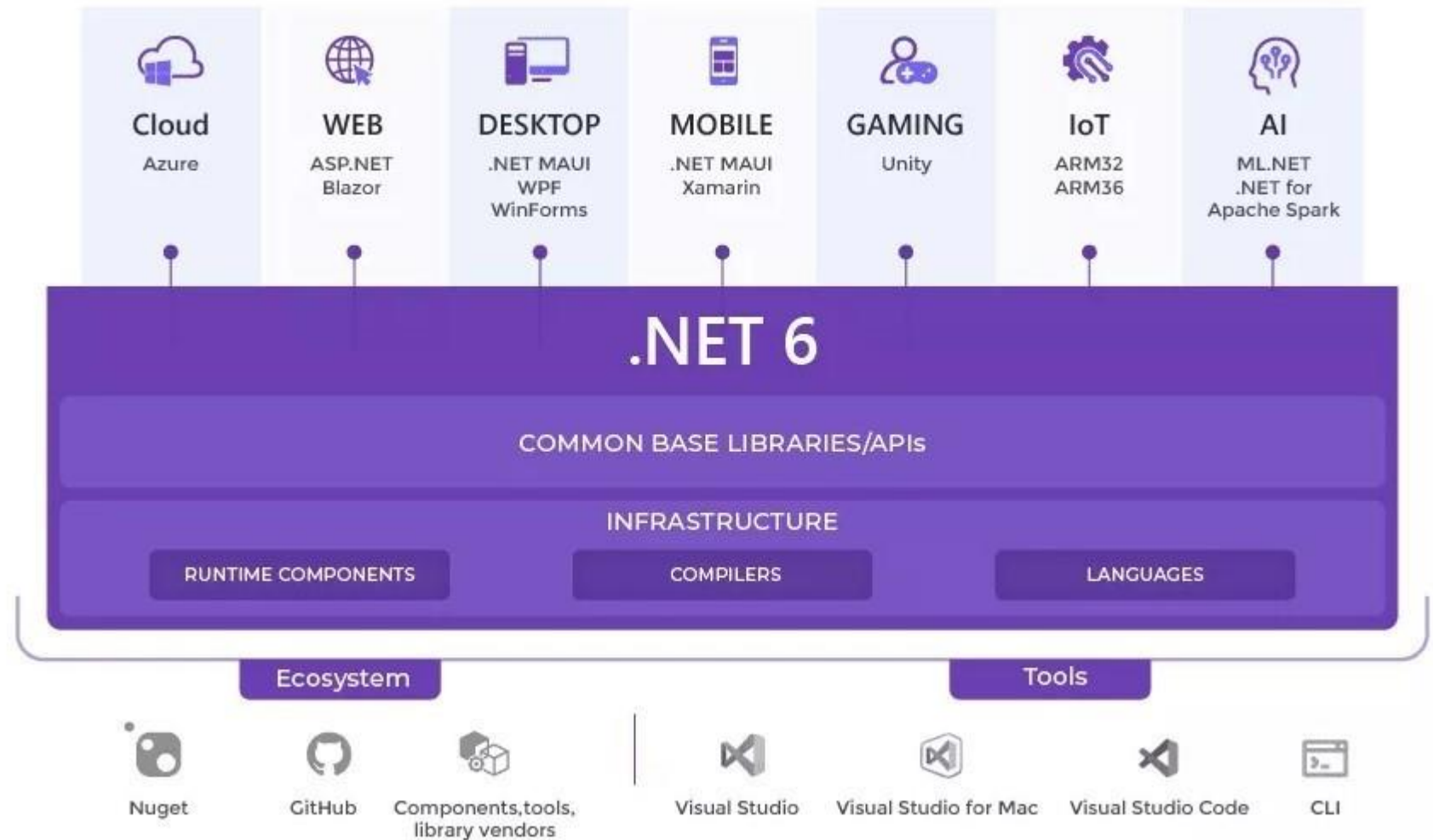
# FULL STACK DEVELOPMENT

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Blazor Server	Web app Every interaction handled on server Prerendered HTML (optional)
Blazor WebAssembly	Web app with client-side execution Loaded from web server Can work offline via Service Worker
Blazor PWA OS installed	Appears as native app (own window) Works offline or online
Blazor Hybrid	Native .NET renders to Electron/ WebView Appears as native app (own window) Works offline or online
Blazor Native	Same programming model, but rendering non - HTML UI

# FULL STACK DEVELOPMENT



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# MICROSOFT BUSSINESS APPLICATIONS



# INTRO TO TECHNOLOGY

## Enterprise Resource Planning

Core business processes needed for a company to run

### Introduction

- System to manage and automate business processes
- Data flow between business divisions like finance, supply chain, human resource, etc.

### Modern ERP systems

- Includes productivity tools
- Collaboration with stakeholders
- Insights to optimize business processes.

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# INTRO TO TECHNOLOGY

## Microsoft Business Applications

Integrated service which provides a purpose-built application to manage business functions

### Highlights

- Collaborative platform
- Enables digital transformation
- Help organization make better decisions using data

### Major Components

- Customer relationship management
- Enterprise resource planning
- Business intelligence
- Team collaboration

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# INTRO TO TECHNOLOGY

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Microsoft  
365

## MICROSOFT BUSINESS APPLICATIONS



Microsoft Dynamics 365



Microsoft Power Platform



Microsoft Azure

# INTRO TO TECHNOLOGY

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## MICROSOFT BUSINESS APPLICATIONS



Microsoft  
365

### Microsoft Dynamics 365



Marketing



Field  
Service



Finance



Customer  
Voice



Supply  
Chain



Sales



Customer  
Service



Project  
Operations

And  
More...

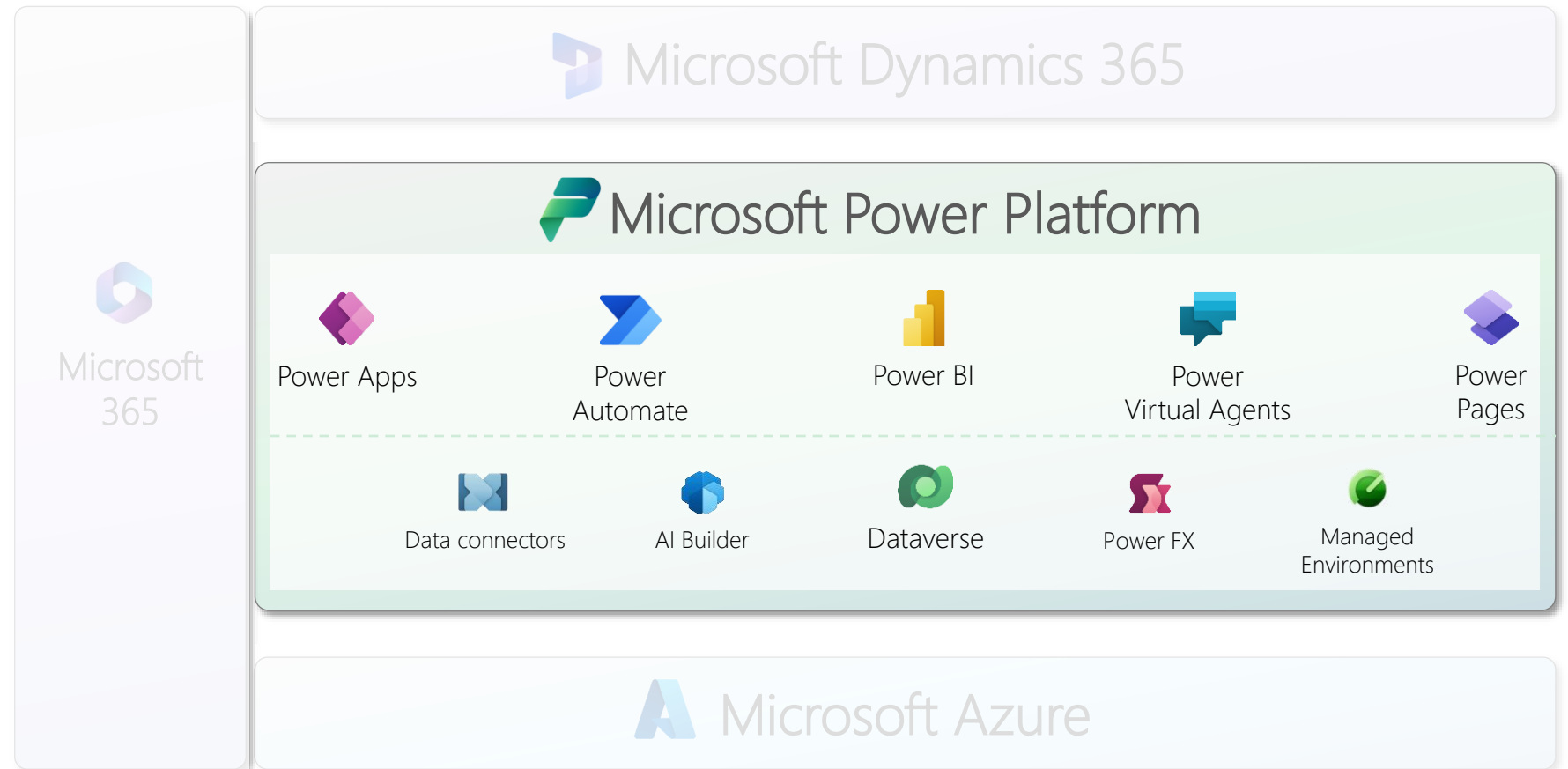
### Microsoft Power Platform

### Microsoft Azure

# INTRO TO TECHNOLOGY

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## MICROSOFT BUSINESS APPLICATIONS

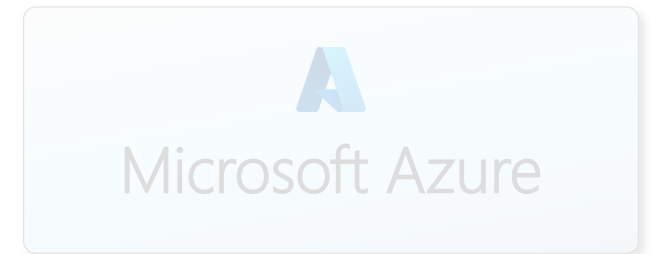
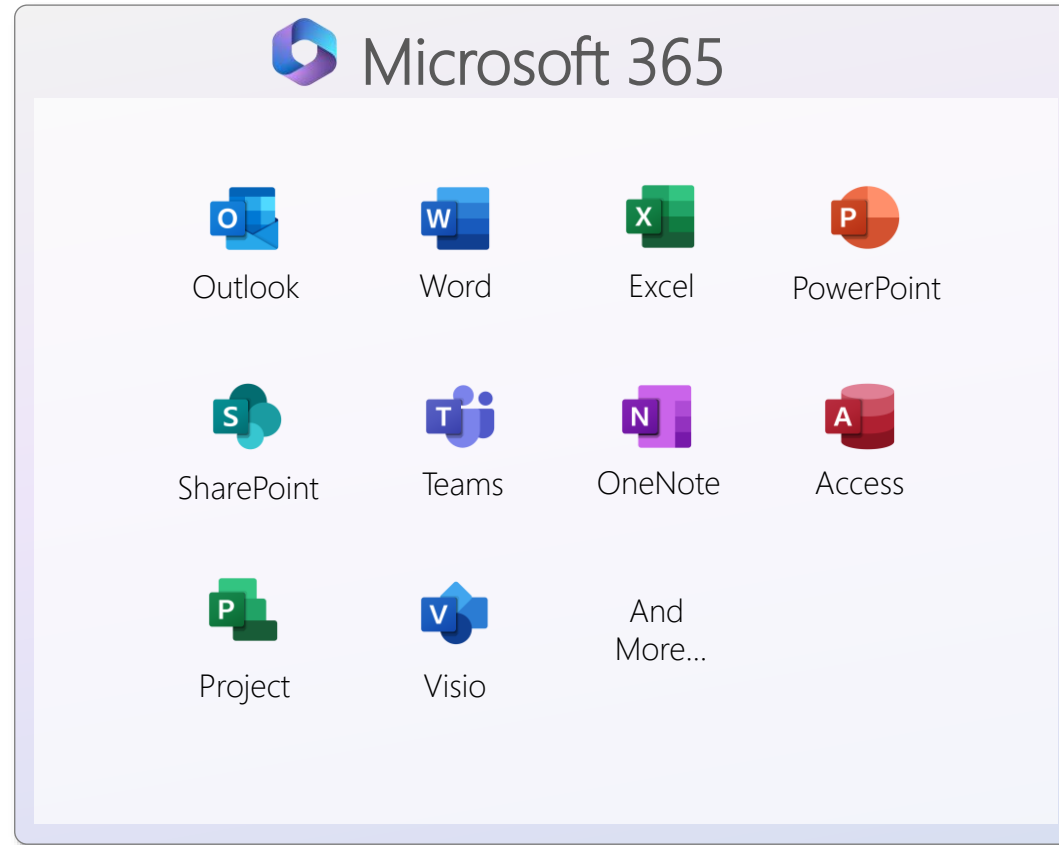




# INTRO TO TECHNOLOGY

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## MICROSOFT BUSINESS APPLICATIONS



# INTRO TO TECHNOLOGY

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## MICROSOFT BUSINESS APPLICATIONS



Microsoft  
365



Microsoft Dynamics 365



Microsoft Power Platform



Microsoft Azure

Cloud Infrastructure Custom Development Data Analysis Custom Integration Identity, Security and Compliance



Storage



App  
Services



Functions



DevOps



Synapse  
Analytics



Machine  
Learning



Logic  
Apps



Service  
Bus



Active  
Directory

# INTRO TO TECHNOLOGY

## X++ Programming Language

Object oriented languages used in D365 Finance and Supply chain

### Features

- Similar to C#
- Compiles to Microsoft .Net CIL
- Extensibility
- Used is Microsoft build automation
- Can build effective data management & integration elements

### Components

- Data Dictionary
- Classes
- Forms & Reports
- Workflows

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**WIFI**

**WIFI-Name** – HablisHotel

**Password** – hablis@1234

Test email –

[uvelmurugan@sisn.com](mailto:uvelmurugan@sisn.com)

[adevaraj@sisn.com](mailto:adevaraj@sisn.com)

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**Thank You !**

