

Atos Ready Internship

Development
Full-Stack

July – September 2024

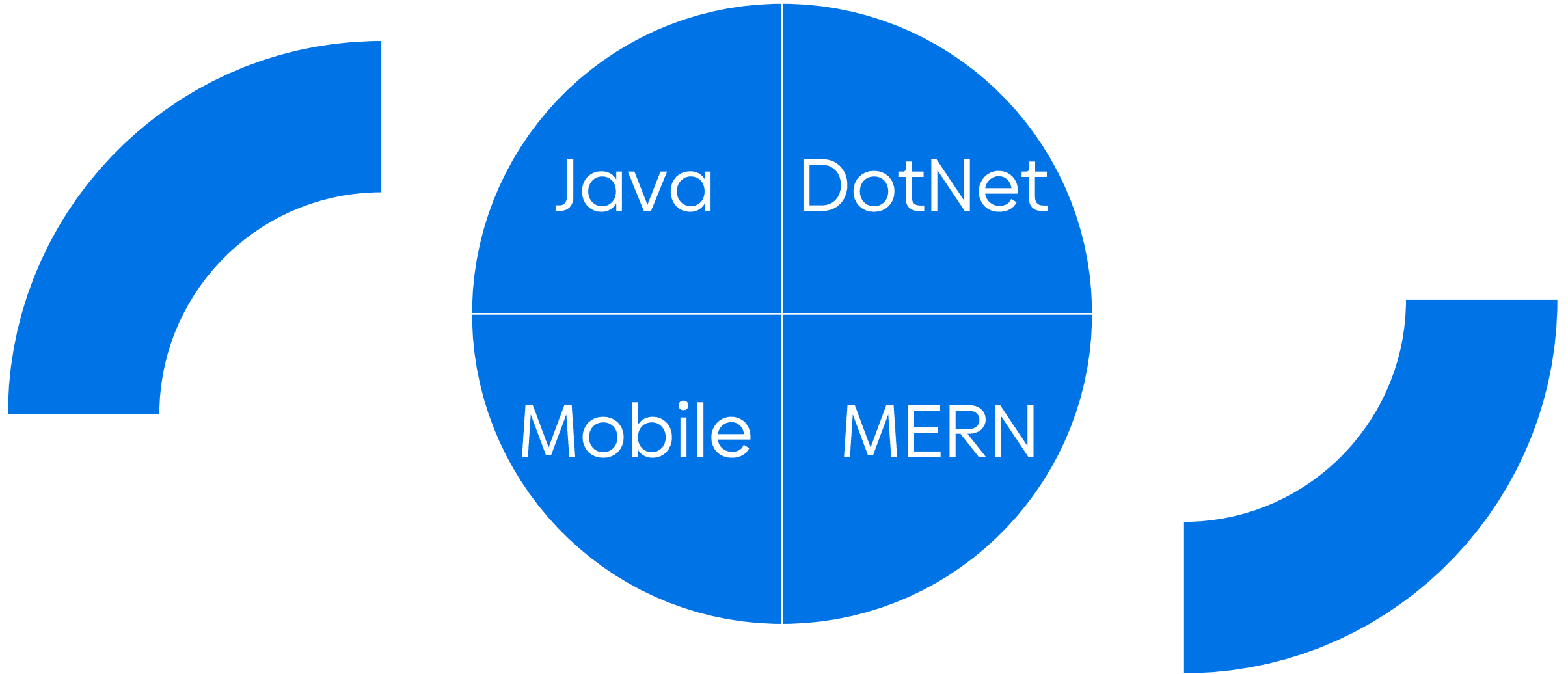
Organizers :

- Ibrahim Osama
- Dina Saleh

Atos

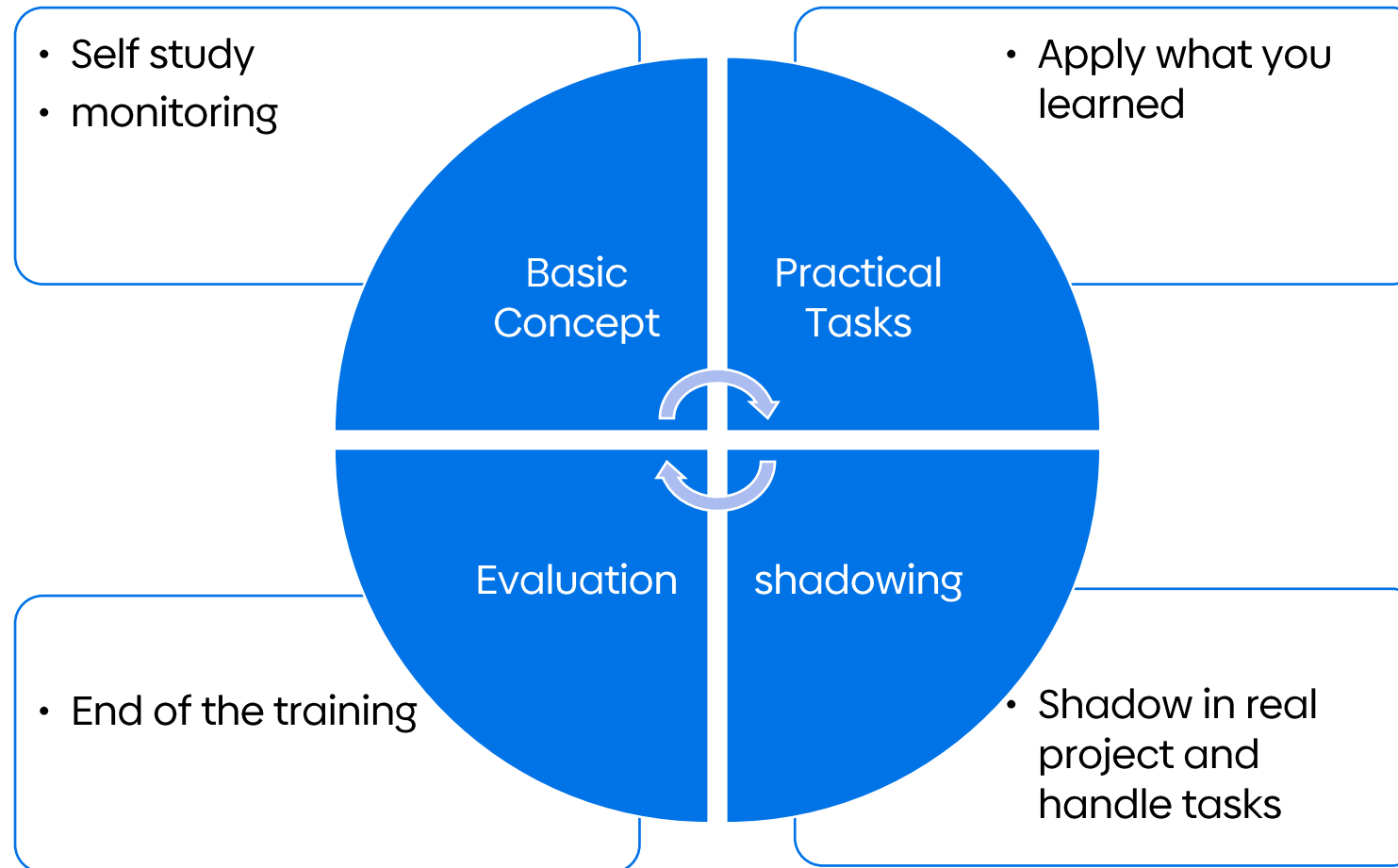
Full-Stack Development Tracks

Atos Ready Internship .. July – Sept 2024



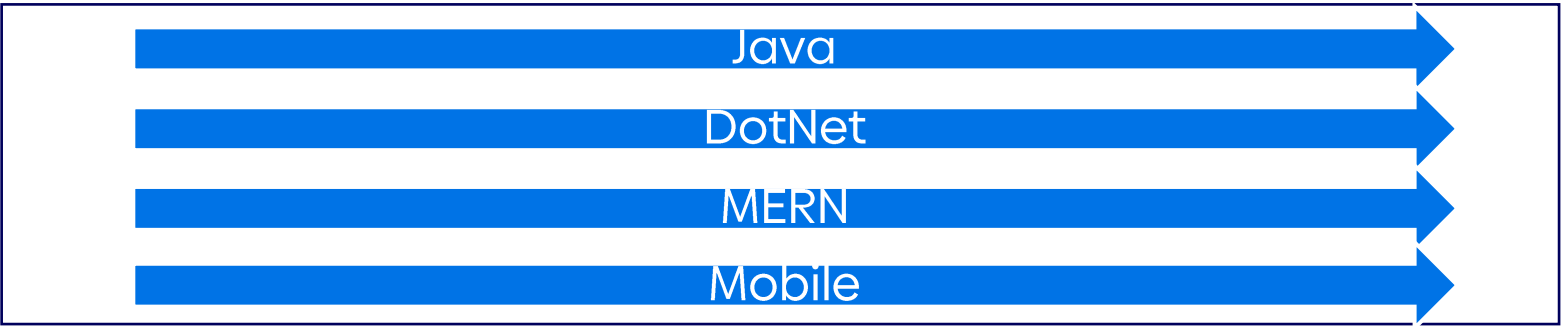
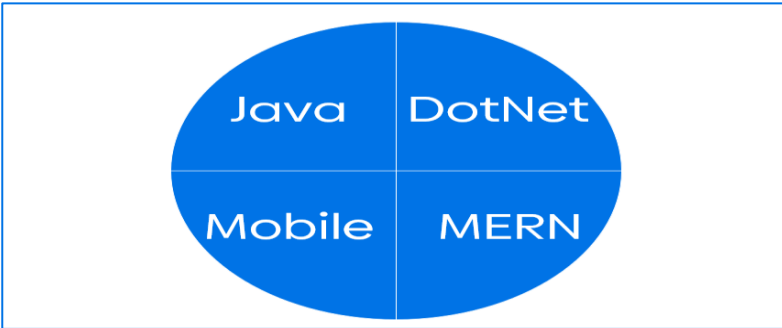
Atos Ready Internship .. Development (Full-Stack)

Atos Ready Internship .. July – Sept 2024 .. Training Process



Atos Ready Internship .. Development (Full-Stack)

Atos Ready Internship .. July – Sept 2024 .. Plan



Level 1 - Self-Study & Mentorship

- Duration: July to August
- Plan:
 - Self Study
 - Focus on concepts and core technologies basics
 - Explore relevant frameworks
 - Mentorship Discussion with your Technical Mentors (2 hours/week)

Level 2 – Practical Tasks& Mentorship

- Duration: August to September
- Plan:
 - 2-3 Medium Tasks
 - 2-3 Advanced Tasks
 - Mentorship Discussion with your Technical Mentors (2 hours/week)

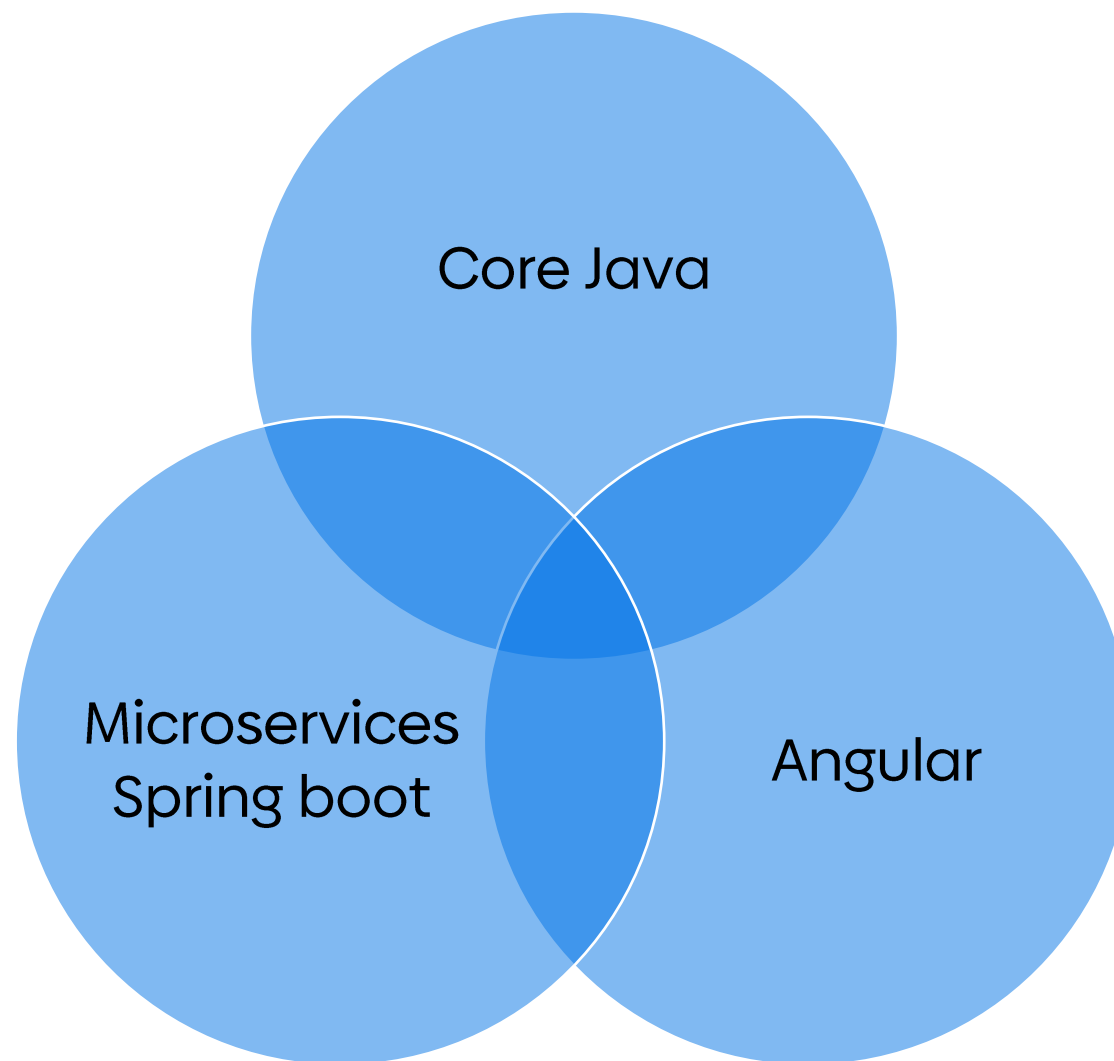
Open Discussion Session Bi-weekly

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Java Full-Stack Internship Curriculum

Java Full-Stack Internship Curriculum

Atos Ready Internship .. July – Sept 2024



Java Full-Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	URL	Duration (Hours)	Practice
Core Java & OOP	<ul style="list-style-type: none">Clean CodeObject-Oriented DesignSOLID Principles	https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/4a41c890-161c-11e7-bf96-7fcd66e560cd?tab=WATCH	6 (1.5 day)	Within the Course
		https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/495ff390-e1a4-11e6-91a7-0242c0a80704?tab=WATCH		
		https://maharatech.gov.eg/course/view.php?id=1600		
	<ul style="list-style-type: none">Java Programming	https://atos.percipio.com/journey/717919cf-1692-4bcd-b1ab-db5304aedcad	66 (8 Day)	Within the Course

Java Full-Stack Internship Curriculum

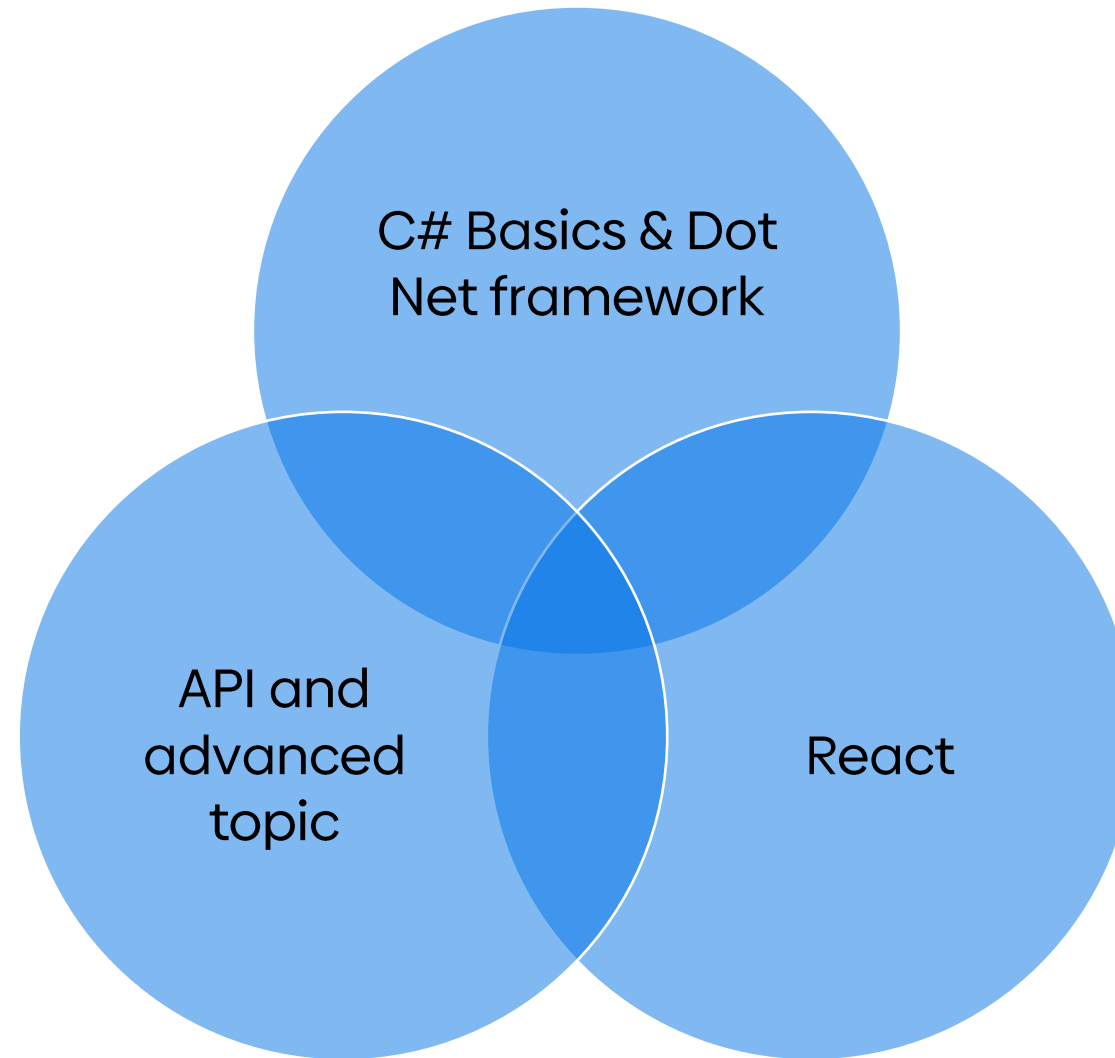
Level 1 - Self-Study & Mentorship

Category	Training	Link	Duration (Hours)	Practice
Microservices	Spring boot & spring cloud	https://www.youtube.com/watch?v=_thI-4AF7M8	22 hrs (4 days)	Within the Course
		https://atos.percipio.com/channels/8ce89cb5-d85d-42a2-b0f1-a7468d923640/view/a80213ca-73ef-4708-9ef1-ff8a91a31bf5?tab=WATCH		
Front End	Angular	https://www.youtube.com/watch?v=CGLdH5ORX-Y	24(3 days)	Within the Tasks
No SQL Databases	No SQL DB Concept	https://atos.percipio.com/channels/204b0760-e19a-11e6-93f3-0242c0a80605/view/204b2e70-e19a-11e6-93f3-0242c0a80605?tab=WATCH	7 hrs (1 day)	Within the Course
	Spring boot with Mongo DB	https://www.youtube.com/watch?v=2jyklvIKMeg (spring data) https://www.youtube.com/watch?v=0Wh_37CfCiY (Mongo template)	4 hrs (1 day)	Within the Tasks

DotNet Full-Stack Training Curriculum

DotNet Full-Stack Internship Curriculum

Atos Ready Internship .. July – Sept 2024



DotNet Full-Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	URL	Duration (Hours)	Practice
Solid principle & OOP	Object-Oriented Design &	https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/4a41c890-161c-11e7-bf96-7fcd66e560cd?tab=WATCH	1 day	Within the Course
	SOLID Principles	https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/495ff390-e1a4-11e6-91a7-0242c0a80704?tab=WATCH	1 day	Within the Course

DotNet Full-Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	Link	Duration (Hours)	Practice
Back End	C# Basics	https://docs.microsoft.com/en-us/learn/paths/csharp-first-steps/-	7 days	Within the Course
		https://learn.microsoft.com/en-us/training/paths/get-started-c-sharp-part-2/		
		https://learn.microsoft.com/en-us/training/paths/get-started-c-sharp-part-4/		
	Build .NET applications	https://learn.microsoft.com/en-us/training/paths/build-dotnet-applications-csharp/	(3 days)	Within the Course

DotNet Full-Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	Link	Duration (Hours)	Practice
Back End	Entity framework	https://learn.microsoft.com/en-us/training/modules/persist-data-ef-core/	7 days	Within the Course
	API'S	Improve the developer experience of an API with Swagger documentation	(3 days)	Within the Course
	Swagger	Create web apps and services with ASP.NET Core, minimal API, and .NET 6	1 day	Within the Course
	secure API	Secure an ASP.NET Core web app with the Identity framework	1 day	Within the Course
	SignalR	Introduction to ASP.NET Core SignalR	1 day	Within the Course
		Replace client-side polling with ASP.NET Core SignalR	1 day	Within the Course
	Messaging	https://www.youtube.com/watch?v=bfVddTJNiAw	3 day	In a separate Tasks

DotNet Full-Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	Link	Duration (Hours)	Practice
Front END	React	https://www.youtube.com/watch?v=IPiwZhlaeMA	(3 day)	In separate Task

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MERN Stack Training Curriculum

MERN Stack Internship Curriculum

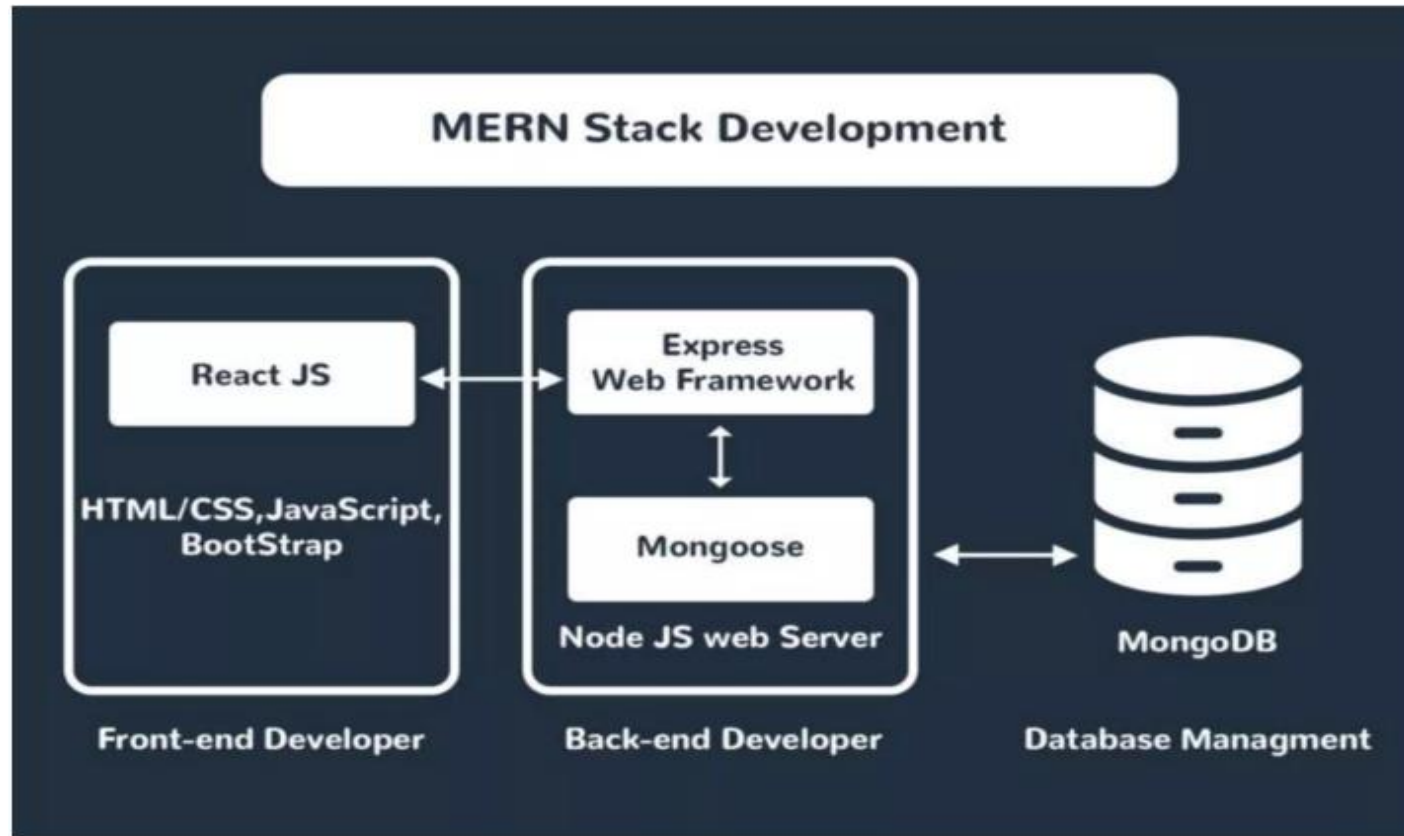
Level 1 - Self-Study & Mentorship

- Prerequisite for MERN stack
 - HTML
 - CSS
 - JavaScript
 - Database knowledge

MERN Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

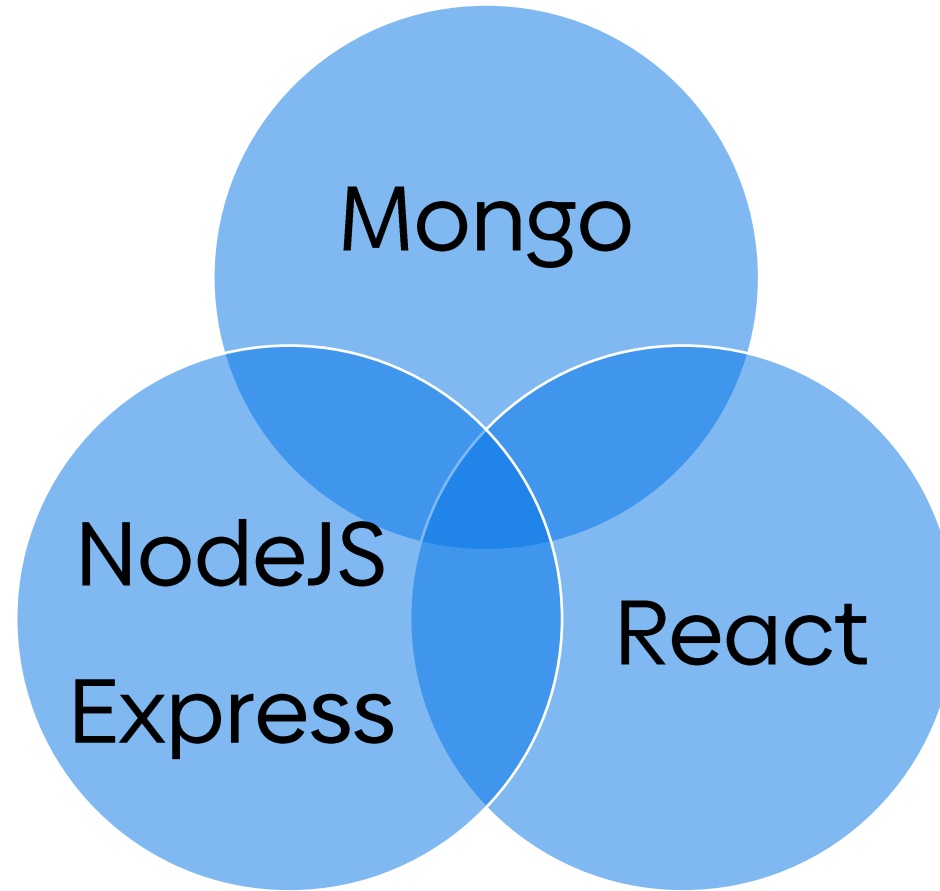
- Development Plan



MERN Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

- Development Plan



MERN Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	Link	Duration (Hours)	Practice
Core JavaScript & OOP	<ul style="list-style-type: none">Clean CodeObject-Oriented DesignSOLID Principles	https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/4a41c890-161c-11e7-bf96-7fcd66e560cd?tab=WATCH	2 (1.5 day)	Within the Course
		https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/495ff390-e1a4-11e6-91a7-0242c0a80704?tab=WATCH		
		https://maharatech.gov.eg/course/view.php?id=1600		
	<ul style="list-style-type: none">Java script	https://www.youtube.com/watch?v=jS4aFq5-91M	24 hr (3 day)	Within the Course

MERN Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

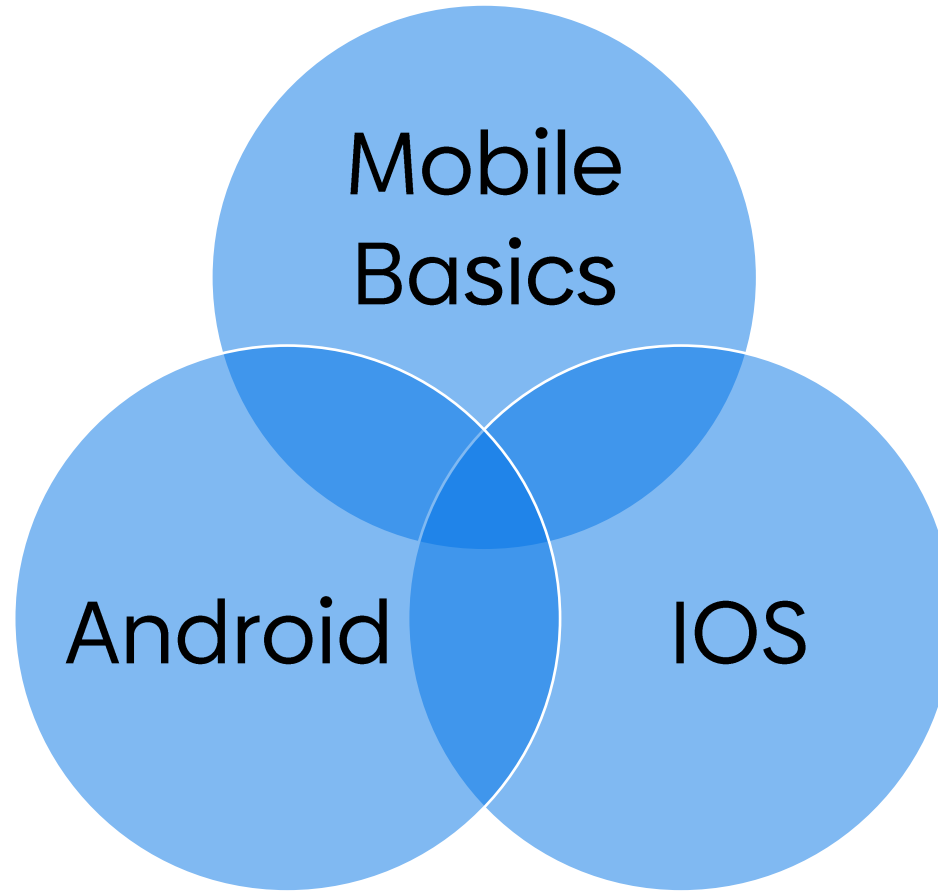
Category	Training	Link	Duration (Hours)	Practice
No SQL Databases	No SQL DB Concept	https://atos.percipio.com/channels/204b0760-e19a-11e6-93f3-0242c0a80605/view/204b2e70-e19a-11e6-93f3-0242c0a80605?tab=WATCH (first section)	1.5 hrs	Within the Course
		https://maharatech.gov.eg/course/view.php?id=975	2 hrs	Within the Course
Backend	Node js	https://maharatech.gov.eg/course/view.php?id=1438	24 hrs (3 days)	Within the Course
Front End	React & Node & Mongo	https://maharatech.gov.eg/course/view.php?id=790	24 hrs (3 days)	Within the Course

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Mobile Track Training Curriculum

Mobile Track Training Curriculum

Level 1 - Self-Study & Mentorship



Mobile (Android) Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	URL	Duration (Hours)	Practice
Core Java & OOP	<ul style="list-style-type: none">Clean CodeObject-Oriented DesignSOLID Principles	https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/4a41c890-161c-11e7-bf96-7fcd66e560cd?tab=WATCH	6 (1.5 day)	Within the Course
		https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/495ff390-e1a4-11e6-91a7-0242c0a80704?tab=WATCH		
		https://maharatech.gov.eg/course/view.php?id=1600		
	<ul style="list-style-type: none">Java Programming	https://atos.percipio.com/journey/717919cf-1692-4bcd-b1ab-db5304aedcad	66 (8 Day)	Within the Course

Mobile (iOS) Stack Internship Curriculum

Level 1 - Self-Study & Mentorship

Category	Training	URL	Duration (Hours)	Practice
Core Java & OOP	<ul style="list-style-type: none">Clean CodeObject-Oriented DesignSOLID Principles	https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/4a41c890-161c-11e7-bf96-7fcd66e560cd?tab=WATCH	6 (1.5 day)	Within the Course
		https://atos.percipio.com/channels/495fa570-e1a4-11e6-91a7-0242c0a80704/view/495ff390-e1a4-11e6-91a7-0242c0a80704?tab=WATCH		
		https://maharatech.gov.eg/course/view.php?id=1600		
	<ul style="list-style-type: none">Swift	https://www.youtube.com/playlist?list=PL5PR3UyfTWvfacnfUsvNcxliKlgidNRoW	4 Hours	Within the Course

Meet Your Mentors

Our Heroes

Java



Amr Saad



Meran Sharawy



Mohamed Romih



Mustafa Gaber



Shaimaa Kamal

DotNet



Abanoub Mounir



Adel Tarek



Ahmed Elhendy



Mohamed Kaoud

Our Heroes

MERN



Mostafa Mahmoud



Mohamed Moataz

Mobile



Karim Azmi



Mohamed Mosaad

Future Stars Allocation



Inspired by :

PARIS 2024



AtoS

Teams

Basketball Team



DotNet Full-Stack Track



Adel Tarek



Mohamed Kaoud


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Heba Elsayed Mohamed	heba.mohamed@atos.net
Mahmoud Badr	mahmoud.badr@atos.net

Teams

Dot Net Full-Stack Track

Cycling Team





DotNet Full-Stack Track



Abanoub Mounir

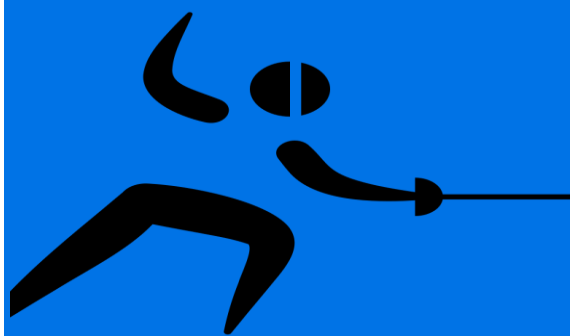


Mohamed Kaoud

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Mustafa Sayed Elsaied	mustafa.sayed@atos.net

Teams

Fencing Team



Java Full-Stack Track




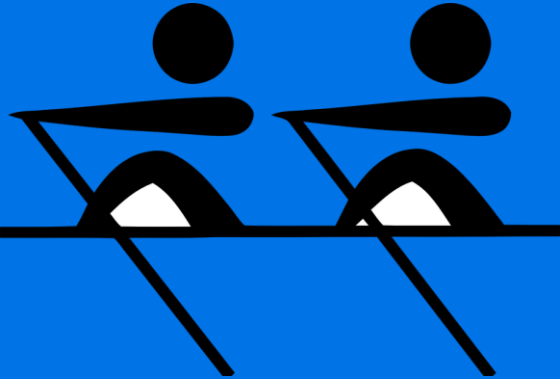
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Aya Walid	aya.walid@atos.net
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Teams

Java Full-Stack Track

Rowing Team



Java Full-Stack Track




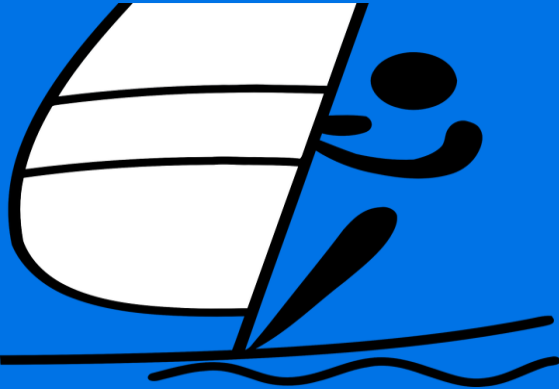
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Teams

Java Full-Stack Track

Sailing Team



Java Full-Stack Track



Mustafa Gaber

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Teams

Shooting Team



Java Full-Stack Track



Mohamed Romih

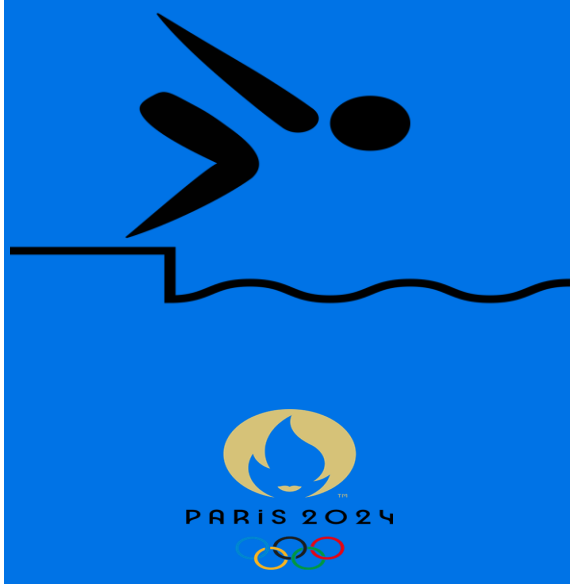


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Teams

Swimming Team



MERN Track


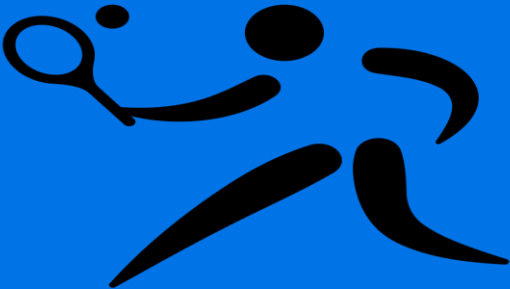


Mostafa Mahmoud


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Teams

Tennis Team



MERN Track

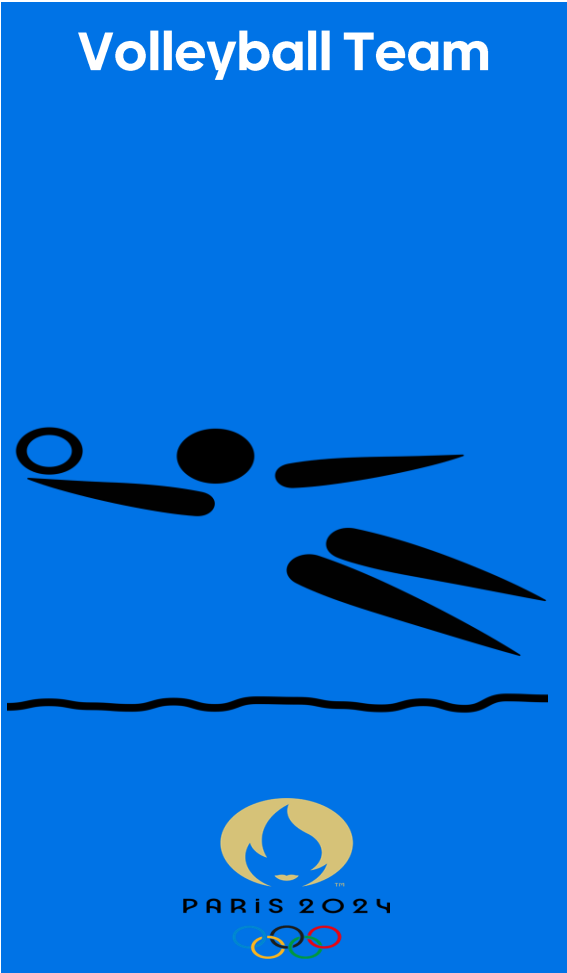


Mohamed Moataz

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Abdelrahman Mahmoud	N/A
Ahmed Khaled Kasem	ahmed.kasem@atos.net
Mohmaed Hammad	N/A

Teams

Volleyball Team



Mobile iOS Track



Karim Azmi

Not Confirmed Yet

Name	Email
Youssef Abdelmoneim	N/A



Questions

“Luck is what happens when preparation meets opportunity.”

Thank You!

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