

**Module | TestOps | Ayushi Sharma**

From Internship <internship@xenonstack.com>
Date Wed 4/24/2024 7:20 PM
To Ayushi Sharma <Ayushi.Sharma@xenonstack.com>
Cc Pradeep Kumar Bharti <pradeep@xenonstack.com>

Dear Ayushi Sharma,

We trust this message finds you well and engaged in your work.

We're writing to inform you of your upcoming assignment in **TestOps** which will span a duration of 2 weeks starting from **April 24th, 2024**. You may find the details of the task assigned below.

Module	Topics	Definition of Done
Testing fundamentals	What is Software Testing and Manual / Automation testing ?	1 - Create PPT/Visuals based on the testing concepts 2- Take Real world examples
	SDLC and STLC life cycle, Validation and Verification, QA and QC	
	What is TestOps, Future Trends of Testing and Role of Test Automation	
	Quality Assurance, QAOps, Quality Engineering and Performance engineering	
	Domain Driven Testing , Keyword Driven Testing and TDD/BDD	
	CX testing , Smoke Testing , Microservices Testing, API Testing, Mobile Testing	
	Types of Testing (Functional and Non- functional), Alpha and Beta Testing	
	Performance Testing and their types, White BOX and Black Box Testing	
	UAT testing, Agile, Waterfall Model, V-model	
	Defect tracking, Defect and Bug life Cycle, Severity and Priority, Bug tracking and defect lifecycle	
	Test Plan, Test case, Test scenario and how to create a Test Plan	
Practical Task	Perform Testing on www.xenonstack.com website and create 10 Test Scenarios and 10 Test Cases and bug report.	1- Design 9-10 Test Case 2- Prepare a bug report if found 3 - Write automation script for the same
	Write Automation scripts for 10 Test Cases created using cucumber, maven, java, selenium.	

Your progress and performance will be reviewed on **May 8th, 2024**. Please ensure to meet this deadline as there will be no possibility of extending the review beyond this date.

Should you have any questions or require further clarification, feel free to reach out to me.

@Pradeep Kumar Bharti, Please add **Ayushi Sharma** in the respective team's channel.

Best Regards,



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