

1	Name of Faculty	Mr. Avdhut A. Patil		
2	Designation	Assistant Professor		
4	Date of Joining the Institute	01/08/2024		
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7	Date of Birth	17/04/1994		
8	Specialization	MySQL, Automation		
9	Qualification	UG	PG	Ph.D.
		B.E.	-	-
10	Total Experience	Academic	Industrial	Total
		1	5	6
11	Publications (Journals)	National	International	
		--	--	--
12	Publications (Conferences)	National	International	Total
		--	----	---
13	PG/Ph.D. Projects Guided	PG Projects	Ph.D. Projects	Total
		--	--	--
14	Books Published/IPRs/Patents	NIL		
15	Professional Bodies Memberships	NIL		
16	Consultancy Activities	NIL		
17	Awards / Achievements	NIL		
18	Grants Received	NIL		



## Industry Projects

<b>Project</b>	<b>Life AI Chat bot</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>▪ Project Domain: Insurance</li> <li>▪ Bots: Elle (Website), Ety (Whats-app)</li> <li>▪ Project Objective: Develop chatbots for insurance policy management and provide services related to policies to Stakeholders.</li> <li>▪ Application Type: Offering a comprehensive insurance management solution where Stakeholders can manage their policies as per their requirements.</li> <li>▪ The chatbots will also assist in offering loans, riders, and any updates or upgrades related to policies.</li> <li>▪ Stakeholders can manage their policies using the chat bots.</li> </ul>
<b>Role</b>	<b>Senior Test Engineer/ Product Owner</b>
<b>Team Size</b>	<b>15</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Requirement Gathering: Collaborate with Stakeholder to understand and document their requirements for insurance policy management.</li> <li>• Prioritization: Prioritize features and functionalities based on business value, Stakeholder needs, and project constraints.</li> <li>• Backlog Management: Maintain and prioritize the product backlog, ensuring it reflects the most up-to-date requirements and priorities.</li> <li>• User Story Creation: Create detailed user stories, acceptance criteria, and specifications for development teams based on client requirements.</li> <li>• Stakeholder Communication: Act as a liaison between clients, development teams, and stakeholders, providing regular updates on project progress and addressing any concerns or feedback.</li> <li>• Quality Assurance: Ensure that the developed software meets quality standards by reviewing test cases, participating in testing activities, and validating deliverables against acceptance criteria.</li> <li>• Product Demonstration: Conduct product demonstrations and walkthroughs with Stakeholder to showcase new requirements.</li> <li>• Decision Making: Make timely and informed decisions regarding product features, scope changes, and priorities, considering business goals and customer needs.</li> <li>• Risk Management: Identify potential risks and challenges related to product development, implementation, or adoption, and work proactively to mitigate them.</li> <li>• Performance Monitoring: Monitor product performance, user feedback, and key metrics to assess the effectiveness of implemented features and identify areas for optimization or enhancement.</li> </ul>

<b>Project</b>	<b>HDFCLife EzFi</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>▪ Project Domain: Insurance</li> <li>▪ Project Objective: Developed a Progressive Web Application (PWA) for insurance management.</li> <li>▪ Application Type: PWA offering a comprehensive insurance management solution.</li> <li>▪ User Experience: Ensured seamless user experience across various devices and operating systems with online &amp; offline mode support.</li> <li>▪ Target Users: Successfully catered to institutions and insurance agents as the main user base.</li> <li>▪ User-Friendly: Designed the PWA to be highly user-friendly &amp; enhancing usability and accessibility.</li> </ul>
<b>Role</b>	<b>Senior Test Engineer</b>
<b>Team Size</b>	<b>17</b>
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Designing and executing comprehensive functional test cases to ensure the software meets its intended requirements and functions as expected.</li> <li>• Conducting API testing to validate the communication and data exchange between various software components.</li> <li>• Performing performance testing on both the frontend and backend of the application to identify bottlenecks, measure response times, and ensure optimal system performance under different load conditions.</li> <li>• Implementing automation testing for sanity checks, streamlining the testing process and reducing manual efforts.</li> <li>• Providing daily progress reporting on testing activities to keep stakeholders informed about project status and identify potential risks and challenges.</li> </ul>

<b>Project</b>	<b>NSE Parivartan (Equity IPO)</b>
<b>Description</b>	<ul style="list-style-type: none"> <li>▪ NSE Digitize some business process which will help to private company for first sells shares to the public in NSE by Initial public offering (IPO)</li> <li>▪ Journey starts with Issuer/Merchant Banker files application and End with Final trading approval given to issuer.</li> <li>▪ The system provides different roles such as Issuer, Registrar &amp; Transfer Agent, Merchant Banker, Maker and Checker.</li> <li>▪ Maker and checker should be able to see all the applications and only selected maker or checker should verify the applications others having only view the applications.</li> <li>▪ Steps for the process are Registration, Payment, Investigation, Document Verification, Site Visits &amp; Committee Approval, Bidding Process, Document Upload for final approval, Basis of Allotment, Final approval process.</li> </ul>
<b>Role</b>	<b>Senior Test Engineer</b>

<b>Team Size</b>	26
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Design and execute functional test cases.</li> <li>• Participate in daily defect triage calls to discuss and prioritize issues.</li> <li>• Provide daily progress reporting on testing activities.</li> <li>• Participate in Agile meetings.</li> <li>• Ensure the delivery of bug-free and fully functional software.</li> <li>• Participate in daily Scrum meetings to discuss the project's progress.</li> <li>• Review test cases and provide feedback to colleagues.</li> <li>• Send regular status updates to higher authorities in a timely manner.</li> </ul>
<b>Project</b>	<b>Education4U</b> - An Online Education Service Platform
<b>Description</b>	<ul style="list-style-type: none"> <li>• The project provides an online education platform for students.</li> <li>• The system provides different roles such as Student, Teacher, Admin</li> <li>• The Google APIs are implemented for connecting to the classes and maintaining the records of students.</li> <li>• Each student can enroll themselves by creating their account and purchasing the course online. Each student is provided with their dashboard.</li> <li>• Teachers can log in and upload their courses, update their contents, and can resolve students' doubts.</li> <li>• Admin can manage both student and Teacher and can manage activities such as approval of the courses, managing the batches, etc.</li> </ul>
<b>Role</b>	<b><i>Test Engineer</i></b>
<b>Team Size</b>	05
<b>Responsibilities</b>	<ul style="list-style-type: none"> <li>• Go through the software requirements analysis.</li> <li>• Perform manual testing on the functionality of the application.</li> <li>• Create test scenarios, test cases, and test data for the application.</li> <li>• Execute test cases to validate customer requirements.</li> <li>• Review test cases and provide feedback to colleagues.</li> <li>• Send regular status updates to higher authorities in a timely manner.</li> <li>• Participate in daily Scrum meetings to discuss the project's progress.</li> <li>• Perform regression testing after each new build of the application.</li> <li>• Participate in Agile meetings.</li> <li>• Write SQL queries for data validation.</li> </ul>