

# Ritwik Mukhopadhyay

SDET, Performance Test Engineer, Automation Test Engineer, Full Stack Developer, Web Developer

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Location: Kolkata, West Bengal, India

## SUMMARY

6.2 years of experience over 25+ projects in cross-skilling, understanding project documents, customer demands, product objectives, designing, maintenance and execution of functional test scenarios and test automation frameworks on multiple applications such as Desktop, Mainframe, Web and Web Services, development of performance test scripts, designing workload model, maintenance, execution and analysis of performance tests on wide range of Web Application technologies, development of Mobile Application and Web Application using different front-end, middle-end and back-end platforms, Web Hosting, Business Process Automation.

## EMPLOYEMENT HISTORY

<b>Infostride</b> <b>QA Expert I</b> Location: Mohali, currently at Kolkata Role: Automation Test Engineer, Performance Test Engineer	30.03.2020 - Present
<b>Cognizant</b> <b>Associate</b> Location: Kolkata Role: Automation Test Engineer, Web Developer	04.06.2018 – 05.03.2020 (1.8 Yrs.)
<b>Wipro Technologies</b> <b>Senior Project Engineer</b> Location: Kochi, Chennai, Hyderabad, Kolkata Role: Performance Test Engineer, Automation Test	01.11.2013 – 31.05.2018 (4.5 Yrs.)

## PROFESSIONAL SKILLS

<b>Performance Testing (3y):</b> ★ ★ ★ ★ ★ <b>Types:</b> Load, Stress, Volume, Endurance <b>Tools:</b> HP Loadrunner(2y), JMeter(1y) <b>Monitors:</b> Perfmon, New Relic, Dynatrace, AppDynamics <b>Network Virtualization:</b> Shunra <b>Debugging Tools:</b> Fiddler, Browser Network Monitoring & Debugging Performance Execution Planning, Workload Modelling, Performance Analysis Reporting, Loadbalancer Monitoring, Using AWS cloud instance as load generator with JMeter <b>Significant AUT:</b> SharePoint, GWT, ECM Documentum, FTP Server, ETQ Reliance, IBM Maximo, REST API	
<b>Automation Testing (3y):</b> ★ ★ ★ ★ ★ <b>Tools:</b> HP UFT(2y), Selenium(1y), Microsoft Automation API, Postman, RestAssured, SOAP UI, Snagit, Cucumber, Jenkins, Mainframe by Java & Cygwin and by Reflection API, Eclipse, Maven <b>Framework:</b> Data Driven, Keyword Driven, Craft, ROBOT, self-created Hybrid framework with Offline Run Manager by Excel and HTML & CSV test report <b>Web Scrapping:</b> Python BeautifulSoup, HTMLParser <b>TC Input:</b> Excel, Output forwarding, JSON & text file <b>Result Output:</b> Excel, HTML, Text, Csv <b>AUT:</b> Web, Windows, Power Builder, Micro Focus Reflection with IBM-3270, REST, SOAP, SSH tunneling by Putty, FTP	

### Functional Testing (1.5y):



**Tools:** ALM, JIRA, Excel, Custom Reporting in ALM by SQL query

**Activities:** Test planning, Test scenario and script designing, Test execution, Defect identification & tracking, Documentation, Sprint planning, Sprint review, Scrum presenting, DSR, WSR

### Infrastructure Automation/Business Process Automation (6m):



Holmes Orchestrator – DB Table space increase, VM Provisioning, Remote Server Health Check

### Web Development (2y):



**Front End:** HTML, HTML5(2y), CSS, CSS3(2y), jQuery(2y), Animation, Loading bar, Date picker, Bootstrap(1y) & Equivalent, Joint JS, Chart JS, CU3ER, JavaScript Slider and Magnifier, jQuery Ajax(1y), Angular JS 1.3(1y), JSON

**Middle End:** PHP(1.5y), PHP Excel Reader, Mailer, Custom Framework by PHP, Classic ASP, C#, ASP Web API, ASP MVC, Nhibernate, Entity Framework, Java Servlet, Sms gateway, UML, Design Pattern

**Back End:** MYSQL with XAMPP, MSSQL with SQL Server, ORACLE DB with SQL Plus

**Web Server:** Apache XAMPP, Apache Tomcat, IIS for App & Service deployment

**IDE:** JetBrains PhpStorm, MS Visual Studio, Eclipse, JetBrains PyCharm, IDLE, Sun MS Netbeans, Adobe Dreamweaver, Notepad++

**Package Manager:** Maven, Nuget

### Windows App Development (6m):



J2SE – Core Java, Swing, JDBC(6m), JXL, iText, PdfBox, Excel Macro, Python, PdfMiner

### Mobile App Development



Android Native App development, Hybrid App development using IONIC

### Scripting & Other Programming Languages



Python: Orchestration(6m), Web Automation

Unix Shell Script: Orchestration(6m)

PowerShell: Orchestration(6m)

JavaScript(1y), VB Script: UFT, Excel, ALM(2y), Visual Basic, C: Loadrunner

### Source Code Management



Git, TFS, SVN

### OS Proficiency



DOS, Windows, Linux, Android, Micro Focus Reflection Mainframe

### Office Tools



MS Word, MS PowerPoint, MS Access, MS Excel – Macro, Formula, VLOOKUP, XLOOKUP, Pivot

### SDLC Proficiency



Waterfall, Agile, DevOps

### Business Domain Proficiency

Retail, Transportation, Insurance, Utilities, Technology, Education

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## CERTIFICATION

**Loadrunner** – certified by Wipro



**JMeter** – certified by Wipro



**UFT** – certified by Wipro



**Core Java** – certified by HCL



**PHP** – certified by IEM



**jQuery** – certified by Wipro



**HTML** – certified by Wipro



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## AWARDS

- In my current project at Cognizant, in a team of 5 members, although all of us are working in Associate role, the automation framework being developed is designed by me and the delivery ownership is mine. Our team has already received multiple customer and management appreciation for the solution.
  - Received "Certificate of Recognition" award at Cognizant from Customer for outstanding performance and accomplishment in conducting automation POC on an application which was not fully identified by UFT.
  - Received Management level appreciation from Wipro in my last project as a Senior Project Engineer for developing a Java Based transactional website and to guide a Project Engineer for the same and communicating directly with the clients for their inputs.
  - Received "Einstein of ABS Award" from Wipro Management/BU for performing performance analysis of a legacy application with very complex workflows.
  - Received "Feather in Cap Award" from Wipro Management in my first account following two customer appreciation for smart deliverables and effective performance reporting.
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## EDUCATION

**Birla Institute of Technology & Science, Pilani**  
**M. Tech.** – CGPA: 6.87

Location: Kolkata, Year: 2017

Mentored a team of 105 students while in final year of WASE, for the annual tournament of PANACHE-2017 consisting of 30+ competitions in academics, sports and arts and we won the tournament.

**Institute of Engineering & Management**  
West Bengal University of Technology  
**B.C.A.** – CGPA: 8.16

Location: Kolkata, Year: 2013

Guided team members for successful completion of college major and minor project.  
Internship and certification of Core Java from HCL.  
Received certificate in PHP from college for developing an online attendance monitor.

**Guti Uday Chand Vidyamandir**  
West Bengal Council of Higher Secondary Education  
**H.S.E.** – 71.16%

Location: Hooghly, Year: 2009

**Guti Uday Chand Vidyamandir**  
West Bengal Board of Secondary Education  
**S.E.** – 77.5%

Location: Hooghly, Year: 2007

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## LANGUAGES

**English** – Read, Write, Speak  
**Bengali** – Read, Write, Speak  
**Hindi** – Speak



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## HOBBIES & INTERESTS

J2EE Web Development, .NET Web Development, Android Development, UX Development, WebDriver IO, BlazeMeter, AWS, Azure Cloud, Data Science, RTOS, AI & Machine Learning, History, Cricket, Fitness, Painting

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## CANDIDATURE DETAILS

**Marital Status:** Unmarried  
**Available ID Proof:** Voter ID, PAN, AADHAR, Driving License, Passport  
**Visa:** Not Available  
**Notice Period:** 1 Months  
**Preferred Location:** Kolkata