

# Ritwik Mukhopadhyay

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

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Location: Kolkata, West Bengal, India

## SUMMARY

7.5 years of experience in cross-skilling, understanding customer demands and product objectives, designing and implementation of software solutions. I understand the importance of time management and open communication.

I truly believe in continued education and research. I hope to enhance my learning in future and bring my knowledge to your assistance.

## EMPLOYEMENT HISTORY

Nomis Solutions (Infostride payroll)

**QA Expert I**

Automation Test Engineer, Performance Test Engineer

30.03.2020 - Present  
Mohali, currently at Kolkata

Cognizant

**Associate**

Automation Test Engineer, Web Developer

04.06.2018 – 05.03.2020 (1.8 Yrs.)  
Kolkata

Wipro Technologies

**Senior Project Engineer**

Performance Test Engineer, Automation Test Engineer,  
Functional Tester, Web Developer

01.11.2013 – 31.05.2018 (4.5 Yrs.)  
Kochi, Chennai, Hyderabad, Kolkata

## PROFESSIONAL SKILLS

Performance Testing (3y):

★ ★ ★ ★ ★

**Types:** Load, Stress, Volume, Endurance

**Tools:** HP Loadrunner (2y) with C, JMeter (2y), BlazeMeter (6m)

**Monitors:** Perfmon, New Relic

**Network Virtualization:** Shunra

**Debugging Tools:** Fiddler, Browser Network Monitoring & Debugging

Performance Execution Planning, Workload Modelling, Performance Analysis Reporting, Loadbalancer Monitoring, Using AWS cloud instance as load generator with JMeter

**AUT:** SharePoint, GWT, ECM Documentum, FTP Server, ETQ Reliance, IBM Maximo, REST API

Automation Testing (3y):

★ ★ ★ ★ ★

**Tools:** HP UFT (2y) with VB Script, Selenium (2y) with Java, Python & JavaScript in Node, Postman, Microsoft Automation API with Excel Macro, Snagit, Mainframe by Reflection API

**Framework:** Craft, ROBOT, Nightwatch.js, Mocha, Chai, self-created Hybrid (data & keyword driven) framework with Offline Run Manager by Excel and HTML & CSV test report

**Web Scrapping:** Python BeautifulSoup, HTMLParser

**TC Input:** Excel, Output forwarding, JSON & text file

**Result Output:** Excel, HTML, Text, Csv

**AUT:** Web app, Rest & Soap API, Tableau, Power Biulder, Micro Focus Reflection with IBM-3270

Functional Testing (1.5y):

★ ★ ★ ★ ★

**Tools:** ALM, JIRA, X-Ray, Excel, Custom Reporting in ALM by SQL query, ALM admin VB Script

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

Infrastructure Automation/Business Process Automation (6m): ★ ★ ★ ★ ★  
**Tool:** Holmes Orchestrator – DB Table space increase, VM Provisioning, Server Health Check  
**Scripting & Productivity:** Python, Bash, PowerShell, SQL, Bat, Putty, Cygwin

Web Development (2y): ★ ★ ★ ★ ★  
**Front End:** HTML, HTML5 (2y), CSS, CSS3 (2y), JavaScript (2y), jQuery (2y), Bootstrap (2y) & Equivalent, Animation, Loading bar, Date picker, Joint JS, Chart JS, CU3ER, Slider and Magnifier, jQuery Ajax(1y), Angular JS 1.3 (6m), 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 Workbench, MSSQL with SQL Server, ORACLE DB with SQL Plus  
**Web Server:** Apache XAMPP, Node, Apache Tomcat, IIS for App & Service deployment  
**IDE:** VS Code, JetBrains PhpStorm, MS Visual Studio, Eclipse, JetBrains PyCharm, IDLE, Sun MS Netbeans, Adobe Dreamweaver, Notepad++  
**Package Manager:** Maven, Nuget, Npm  
Source Code Management: Git, GitHub, Bitbucket, TFS, SVN

Utility Development (6m): ★ ★ ★ ★ ★  
J2SE – Core Java, Swing, JDBC (1y), JXL, iText, PdfBox, Python, PdfMiner, Excel Macro, Visual Basic, MS Access

SDLC Proficiency ★ ★ ★ ★ ★  
Waterfall, Agile

Business Domain Proficiency ★ ★ ★ ★ ★  
Retail, Transportation, Bank, Insurance, Utilities, Technology, Education

Moderate Expertise or POC work ★ ★ ★ ★ ★  
**Mobile App:** Native android, Hybrid using IONIC  
**AWS:** Cognito authentication, S3, Lambda  
**Containers:** Docker  
**DevOps:** Jenkins

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## CERTIFICATION

<b>Loadrunner</b> – certified by Wipro	★ ★ ★ ★ ★
<b>JMeter</b> – certified by Wipro	★ ★ ★ ★ ★
<b>UFT</b> – certified by Wipro	★ ★ ★ ★ ★
<b>Core Java</b> – certified by HCL	★ ★ ★ ★ ★
<b>PHP</b> – certified by IEM	★ ★ ★ ★ ★
<b>jQuery</b> – certified by Wipro	★ ★ ★ ★ ★
<b>HTML</b> – certified by Wipro	★ ★ ★ ★ ★

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## AWARDS

- Received Customer and Management level appreciation in my last project at Cognizant for guiding our team to design, build and deliver the test 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	<p>Birla Institute of Technology &amp; Science, Pilani</p> <p><b>M. Tech.</b> – CGPA: 6.87</p> <p>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.</p>	Location: Kolkata, Year: 2017
	<p>Institute of Engineering &amp; Management</p> <p>West Bengal University of Technology</p> <p><b>B.C.A.</b> – CGPA: 8.16</p> <p>Guided team members for successful completion of college major and minor project.</p> <p>Internship and certification of Core Java from HCL.</p> <p>Received certificate in PHP from college for developing an online attendance monitor.</p>	Location: Kolkata, Year: 2013
	<p>Guti Uday Chand Vidyamandir</p> <p>West Bengal Council of Higher Secondary Education</p> <p><b>H.S.E.</b> – 71.16%</p>	Location: Hooghly, Year: 2009
	<p>Guti Uday Chand Vidyamandir</p> <p>West Bengal Board of Secondary Education</p> <p><b>S.E.</b> – 77.5%</p>	Location: Hooghly, Year: 2007
LANGUAGES	<p><b>English</b> – Read, Write, Speak</p> <p><b>Bengali</b> – Read, Write, Speak</p> <p><b>Hindi</b> – Speak</p>	<div><div>★ ★ ★ ★ ★</div><div>★ ★ ★ ★ ★</div><div>★ ★ ★ ★ ★</div></div>
HOBBIES & INTERESTS	J2EE Web Development, .NET Web Development, Android Development, UX Development, WebDriver IO, AWS, Azure Cloud, Data Science, RTOS, AI & Machine Learning, History, Cricket, Fitness, Painting	
CANDIDATURE DETAILS	<p><b>Marital Status:</b> Unmarried</p> <p><b>Available ID Proof:</b> Voter ID, PAN, AADHAR, Driving License, Passport</p> <p><b>Visa:</b> Not Available</p> <p><b>Notice Period:</b> 3 Months</p> <p><b>Preferred Location:</b> Kolkata</p>	