

# Krishna Kumar

Senior Quality Engineer | Automation Testing | Selenium | Java | API

Gurgaon | kk.success9@gmail.com | +91-9149108020

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## Profile links:

- **GitHub:** <https://github.com/KrishnaKumar1203>
  - **LinkedIn:** <https://www.linkedin.com/in/krishna-kumar-34145912b>
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## Professional Summary:

Senior Quality Engineer with 6.9 years of experience in automation and manual testing. Skilled in **Selenium, Java, Rest Assured, BDD frameworks, and CI/CD tools like Jenkins and Git**. Proven expertise in developing scalable test automation frameworks, managing defect lifecycle in Agile/Scrum environments, and planning test strategy and test cases.

- Proficient in tools such as ORMB, Selenium, Protractor, Jenkins, TestRail, Power BI, and ServiceNow, with strong expertise in **automation frameworks** and **data-driven reporting**.
  - Expertise in CI/CD integration, developing robust test automation frameworks, batch monitoring, and delivering impactful insights through advanced analytics.
  - Collaborated with global teams to deliver defect-free releases and mentor juniors.
  - Proficient in Agile methodology, sprint planning, test strategy design, and quality documentation.
  - Adept at managing **end-to-end quality assurance processes**, including testing, defect management, and cross-functional collaboration, across **healthcare, benefits administration, and virtualization** domains.
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## Technical Skills:

- **Automation & Testing Tools:** Selenium, Rest Assured, BDD Cucumber, Maven, TestNG, Jenkins, TestRail, Power Automate
  - **Programming Languages:** Java, SQL
  - **Testing Methodologies:** Functional, Regression, Integration, Migration, API, Ad Hoc, Smoke, and Sanity Testing
  - **Test Management:** Test Plan Design, Test Case Documentation, Defect Lifecycle
  - **CI/CD Tools:** Jenkins, Git, VMware
  - **Databases:** Oracle SQL Developer, DB2
  - **Monitoring & Project Tools:** IBM Workload Scheduler, JIRA, Rally, ServiceNow, Confluence, Trello
  - **Reporting & Virtualization:** Power BI, Power Automate, VMware, Hyper-V, VBox
  - **AI Tools & IDE:** GitHub Copilot, ChatGPT, IntelliJ, Eclipse, Visual Studio(VS)
  - **Version Control & Collaboration:** Git, GitHub, JIRA, Rally, Confluence
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## Professional Experience:

**Senior Automation Quality Engineer | Optum Global Solutions (UHG) Pvt. Ltd. | Gurgaon** Mar 2022 – Present  
**Domain:** - Healthcare (ISB\_QE) | **Product:** - ISB – (MB, MC & MR)

- Provided **ORMB** production support, analyzing and resolving user requests.
- Engineered and optimized Java-based test automation frameworks (Selenium, TestNG, Maven, POM), increasing testing efficiency by 40% and reducing deployment time by 30 hours.
- Spearheaded feature testing for the ISB product suite, ensuring 98% defect-free deployments.
- Generated data extracts and reports from ORMB to support business operations.
- Designed and maintained **5+ automation frameworks** (Selenium, Jenkins), reducing **test execution time by 50%** and **defect leakage by 40%**.
- Integrated CI/CD pipelines, improving **test deployment speed by 60%** and reducing **manual intervention by 80%**.
- Provided ORMB production support using **ServiceNow** for incident resolution.
- Designed Power BI dashboards integrated with Power Automate, streamlining report generation and improving data-driven decision-making.
- Troubleshoot and resolved ORMB accessibility issues, ensuring users can reliably access and use the system.
- Monitored batch jobs via IBM Workload Scheduler, achieving 99.9% uptime in production environments.

- Conducted **500+ API testing** using **Rest Assured**, increasing API reliability by **20%** and reducing issue resolution time by **30%**.

## **MTS QA Engineer (Automation) | Blue Whale Advisory Pvt. Ltd. | Gurgaon**

**Aug 2021 – Mar 2022**

**Domain:** - BGP-QA | **Product:** - BS5 and BSX

- Managed testing for BS5 and BSX products, ensuring seamless functionality across multiple environments.
- Conducted virtualization testing in Hyper-V and VBox environments, addressing compatibility across configurations.
- Developed and executed SQL-based test plans to enhance testing accuracy and system reliability.
- Verified VPN and localization settings for global user bases, ensuring compatibility in multiple regions.
- Collaborated with development teams to resolve critical defects, reducing issue resolution time by 25%.
- Participated in daily standups, sprint planning, and review ceremonies.

## **QA Analyst – Automation & Manual Testing | Wipro Limited | Noida**

**May 2018 – Aug 2021**

**Domain:** - Health & Welfare | **Client:** - American Honda, Ally, Elly Lily, CNA, Rockwell

- Configured and managed WebUI changes and tile configurations for high-profile clients, including American Honda and Rockwell, ensuring adherence to SDLC and STLC processes.
- Utilized advanced automation tools, like Prueba and Catalyst, to optimize Web and GUI testing workflows.
- Acted as a lead for automation testing on key client projects, driving operational excellence and client satisfaction.
- Managed defect life cycles, aligning with SDLC and STLC standards, and streamlined client-facing workflows, achieving a 10% reduction in processing times.
- Conducted comprehensive RDBMS testing using DB2, ensuring database integrity and performance within the SDLC framework.

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## **Key Projects**

### **1. ISB Automation Suite – UHG**

- Tech: Java, Selenium, TestNG, Maven, Jenkins, ORMB
- Impact: Cut regression time by 50%, 98% defect-free releases

### **2. BSX Product Testing – Blue Whale Advisory**

- Tech: SQL, VBox, Hyper-V
- Impact: Increased environment compatibility, faster issue resolution, and stable product release.

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## **Certifications & Training:**

- **VMware Virtualization Certification** (Cloud & Virtualization).
- **6-week Internet of Things (IoT) Training** | IBM India Pvt. Ltd (Embedded Systems & IoT).
- **Advanced Test Automation with Selenium & API Testing** (Udemy/Coursera).

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## **Achievements:**

- Awarded the "**Diamond Award**" for developing a high-performance automation framework
- Received the "**Shimmer**" **Certificate of Appreciation** for **consistently meeting 100% of** tight project deadlines.
- Recognized as "**eCAT Warrior**" for achieving **zero defects during critical annual enrollment cycles**, ensuring **100% software stability** and a **smooth user experience**.
- Earned multiple appreciation emails from onshore leads and managers for **enhancing automation test coverage by 40%**, reducing **regression testing time by 50%**, and **optimizing CI/CD test execution pipelines**.

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## **Educational Qualification:**

- **B.Tech in Electrical & Electronics Engineering** | Bharat Institute of Technology, Meerut (APJAKTU) | 2018
- **12th (C.B.S.E.)** | K.C.M. School | 2014
- **10th (C.B.S.E.)** | SS Children Academy | 2012