

# Krishna Kumar

Senior Quality Engineer | Automation Testing | SDET | Selenium | Java | API Testing  
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 7 years of experience in automation and manual testing. Proficient in **Selenium, Java, Rest Assured, BDD frameworks, and CI/CD tools like Jenkins and Git**. Skilled in leveraging generative AI (ChatGPT, GitHub Copilot, OpenAI API) to enhance test automation, prompt engineering, and rapid script development for productivity improvement.

- Proficient in tools such as ORMB, Selenium, Jenkins, TestRail, Power BI, and ServiceNow, with strong expertise in **automation frameworks** and **data-driven reporting**.
  - Demonstrated success in automating daily functional processes, including Excel/HTML report generation and health check scripts, enabling cross-functional teams to focus on critical tasks.
  - 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
  - **Programming Languages & IDE:** Java, SQL, IntelliJ, Eclipse, Visual Studio(VS)
  - **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, Power Automate
  - **Generative AI Tools:** ChatGPT, GitHub Copilot, OpenAI API.
  - **AI-driven Automation:** Prompt engineering, Automated script/test case generation, defect triage.
  - **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)

- Leveraged generative AI tools (ChatGPT, GitHub Copilot) for automated creation of test scripts and test data, reducing manual effort and boosting productivity
- Implemented prompt engineering workflows for improved regression suite maintenance.
- Built frameworks incorporating generative AI for dynamic test reporting and defect classification.
- Mentored team members on safe and effective use of generative AI in daily automation tasks.
- Automated daily operational tasks for the functional team by scripting health check processes and dynamically generating Excel and HTML-based reports, saving significant manual effort.
- Participated in Agile ceremonies (sprint planning, stand-ups, retrospectives).
- Developed and executed detailed test plans and test cases based on business and system requirements.
- Integrated Generative AI-based solutions into automation frameworks to create scalable, reusable scripts with enhanced debugging and maintainability.
- Developed and optimized Java-based automation frameworks using Selenium, TestNG, Maven, and POM—boosting testing efficiency by 40% and cutting deployment time by 30 hours.
- Maintained 5+ automation frameworks and CI/CD pipelines (Jenkins), reducing test execution time by 50% and manual effort by 80%.

- Conducted API tests using Rest Assured, increasing reliability by 20% and cutting issue resolution time by 30%.
- Led feature testing for the ISB product suite, contributing to 98% defect-free releases.
- Supported ORMB production and resolved incidents via ServiceNow; extracted critical data and generated business reports.
- Built Power BI dashboards integrated with Power Automate, streamlining reporting and enabling data-driven decisions.
- Ensured system accessibility and 99.9% production uptime by monitoring ORMB batch jobs with IBM Workload Scheduler.

#### 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.

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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:

- **Certified in VMware Virtualization** (Cloud & Virtualization).
- **IBM IoT Training – Embedded Systems & Internet of Things** (6-week program).
- **Advanced Selenium WebDriver & 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