**Bhandari**

# SUMMARY

Dynamic and results-driven Lead Software Engineer with over 14 years of experience in IT and end-to-end product lifecycle management. Proven expertise in leading cross-functional teams, driving continuous improvement, and managing large-scale, complex projects from concept to completion. Adept in delivering software solutions within budget and timeline constraints across diverse industries such as Embedded Systems, Medical Devices, Investment Banking, and Travel Technologies.

Skilled in product management, including requirements gathering, roadmap planning, and stakeholder management, ensuring successful product execution and alignment with business goals. Extensive experience in software testing, risk analysis, automation, and agile methodologies. Known for optimizing systems, enhancing operational efficiency, and improving processes that drive bottom-line results.

Proficient in LabVIEW, REST API Testing, SDLC, Agile, Automation Tools, Cross-Browser Testing, and technical leadership. Strong collaborative and leadership skills with a track record of managing international teams and delivering strategic initiatives that exceed stakeholder expectations.

**SKILLS**

**Programming Languages & Tools:** LabVIEW, Git, GitHub, SQL, JIRA, HP ALM, HP QC, PRPC, Selenium, Postman, SoapUI, CA Lisa, Putty, Tera Term, Quantum Generator

**Testing:** Blackbox Testing (System, Integration, Smoke, Sanity, Regression, Ad-hoc), REST API Testing, Web Services Testing (SOAP, REST), Cross-Browser Testing, Middleware Testing with RabbitMQ, Mobile App Testing (iOS, Android), Backend Testing, E2E Testing, Test Automation

**Methodologies:** Agile, V-Model, Waterfall, SDLC, STLC, Bug Life Cycle, Risk-Based Testing

**Frameworks & Protocols:** HL-7, DICOM, Facial Recognition, VOD (Netflix, Hulu Plus, VUDU, Amazon), ISO 14971:2019 for Medical Devices, FCRA

**Tools & Platforms:** TFS, SharePoint, Browser Stack, ALM, PRPC, Mobile Emulators (iOS, Android), Dosimeter, Barometer, J-Tags, QuIX, Firmware, Smart Start

**Leadership & Management:** Team Leadership, Cross-functional Team Collaboration, Stakeholder Engagement, Program Vision Execution, Defect Triage, Client Demonstrations, Milestone Management

# KEY COMPETENCIES

Test Management| Project Management| P&L Management | Stakeholder Management | Vendor Management | Resource Management | Delivery Management |Process Improvement |Data Analysis | Bid/Proposal Management| Leadership| Business Analysis | Visio| Microsoft Office Suite | Confluence | Microsoft Project | JIRA | Trello| Risk Assessment

# CERTIFICATIONS & TRAININGS

CSM | CSPO| JIRA | AGILE| FCRA| ISO 14971:2019

**PROFESSIONAL EXPERIENCE**

**Employer: ZEISS Medical Technology August 2021 – June 2024**

**Client: Carl Zeiss**

**Project: Carl Zeiss (INTRABEAM 700) - REMOTE Location: Bangalore and Oberkochen**

**Domain:** Embedded & Medical (Radiology) **Role:** Technical Lead/ Product Owner

**Responsibilities:**

* Proficient in **LabVIEW**, with working knowledge of **JIRA**, **HP ALM**, and **HP QC**.
* Experienced in **HL-7** and **DICOM** protocols, UI testing, and all phases of **Agile**, V Model, and Waterfall methodologies.
* Skilled in **Git, GitHub**, and **Blackbox** Testing (System, Integration, Smoke, Sanity, Regression, Ad-hoc).
* Extensive knowledge of **SDLC, STLC,** and the bug life cycle.
* Strong team leadership and management capabilities.
* Proficient in **REST API** testing using **Postman** and web services testing with **SOAP UI** and **XML**.
* Certified in ISO 14971:2019 for risk analysis, management, and mitigation in medical device integration.
* Collaborated with business stakeholders to understand and implement system requirements.
* Verified test execution and maintained traceability matrices on SharePoint.
* Reviewed maintenance processes and recommended improvements.
* Conducted cross-browser testing using Browser Stack.
* Developed and contributed to the design of internal **CI/CD** systems, supporting automation initiatives.
* Participated in requirement-gathering sessions with development teams.
* Validated web services and **API** requests/responses for **REST** and **SOAP** protocols.
* Tested middleware communication using **RabbitMQ**.
* Worked on facial recognition technology across iOS and Android devices.

**Tools and Hardware: Soap UI, Postman for API testing, Dosimeter, Barometer**

**Employer: Vision Box August 2019 - August 2021**

**Client: BIAL**

**Location: Bangalore and Lisbon**

**Domain:** Embedded & Travel (Automated Border Control Systems)

**Role:** Senior Consultant

**Responsibilities:**

* Led end-to-end testing of **Java-based web applications**, ensuring seamless **DCS** integration for various airlines.
* Spearheaded defect triage meetings, contributing to root cause analysis and risk-based testing approaches.
* Validated complex **database** operations using **SQL**, ensuring data integrity and accuracy across multiple platforms.
* Managed project milestones, development progress, and client demonstrations, delivering on time and within budget.
* Directed a 6-member team, overseeing performance management and end-to-end testing of Java-based applications.
* Authored comprehensive test plans, managed defect lifecycles, and ensured robust quality assurance processes.
* Automated testing processes, reducing manual efforts and improving testing efficiency across the organization.

**Tools & Hardware: Soap UI, Postman for API testing, Putty and JIRA for Test Mgmt., SQL database, Raspberry Pi**

**Employer: Vortalsoft Inc. Nov 2017-Aug 2019**

**Client: CBC Innovis**

**Location: New Jersey, Columbus, Ohio, USA Domain:** Banking& Mortgage

**Role:** Lead QA / Scrum Master

**Responsibilities:**

* Led a team of 6 members and responsible for performance management and delivery and doing End-To-End Testing of the application.
* Working on doing **E-2-E Testing** of Java based Web application.
* Participated in requirement and design meetings and hosted Test case review meetings.
* Created test plan & prepared level of efforts **(LOEs)** for the release.
* Responsible for **EOT** (End of Test Report) & **LOC** (Level of Confidence) report for the client.

**Tools: Soap UI, Postman for API testing, Putty and JIRA for Test Management, CA Lisa, SQL database, TFS, SharePoint**

**Employer: JP Morgan& Chase Co. May2014–May 2017**

**Client: JP Morgan**

**Location**: Jersey City, NJ

**Domain:** Investment Banking, Payments, Sanctions

**Role:** AVP/ Lead

**Responsibilities:**

* Led a high-performing team responsible for backend testing, data verifications, and end-to-end application validation.
* Mainframe Technology Expertise
* Active involvement in Scrum or Kanban practices, leading sprints, backlog grooming, sprint planning, and retrospectives.
* Creation of user stories, product roadmaps, and ensuring clear communication of technical requirements to the development team.
* Prioritization of features and bug fixes based on business value and stakeholder needs.
* Stakeholder Collaboration Legacy System Modernization- Managing mainframe systems in line with security standards (e.g., RACF, ACF2) and ensuring compliance with regulatory requirements.
* Implementing disaster recovery, backup, and secure access policies for mission-critical systems
* Working with performance teams to monitor system health, optimize resource usage, and reduce operational costs.
* Understanding mainframe capacity planning, performance tuning, and ensuring uptime of critical applications.
* Balancing the needs of maintaining core legacy applications while integrating or transitioning to newer digital platforms.
* Collaborated with BSAs to analyze system requirements and ensure alignment with business objectives.
* Developed and executed test plans, contributing to the successful migration and validation of critical databases. **Tools: PRPC, Selenium Automation execution and HP ALM tool for manual testing, Mobile emulators for IOS and android app testing.**

**Project Name:** JP Morgan Database Migration

**Client:** JP Morgan

**Domain**: Banking and Finance **Role:** Associate Software Engineer **Responsibilities:**

* Performing Functionality testing, Regression testing, **MAT** Testing.
* Setting up test server for test case execution.
* Finding new scenario-based test cases for new functionalities.
* Creating Customer Scenarios.
* Reporting Issues, Tracking and verification of Issues

**Tools and Hardware**: **QuIX, QC, SharePoint, Firmware, Smart Start, Quest**

**Employer: MphasiS March 2010 - May 2014**

**Client: Trident Micro systems& VIZIO**

**Project Name: Vizio 58-inch, 2560x192021x9wide 3D HDTV**

**Location: Bangalore-India, Taipei-Taiwan, Xiamen-China Domain:** DTV, Embedded

**Role:** Validation Engineer

**Responsibilities:**

* Involved in validation and testing for the project **TV550(DI) VIZIO.**
* Bug Reporting on Tele logic (internal bug reporting/tracking tool respectively)
* Prepared the requirement document for **VOD** (Videos on Demand) like **Netflix**, **Hulu** **Plus**, **VUDU** and Amazon.
* Successfully complete the monthly release from the Client location (**TPV Electronics LTD**) in Taipei (**Taiwan**) by coordinating with the client and the **Vizio** Team.

**Tools and Hardware: Tera Term, ALM, J-Tags, Quantum Generator**

**EDUCATION**

* Bachelor’s Degree in Computer Science & Technology,