MADHURA JOSHI

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PROFESSIONAL SUMMARY

Software Engineer with **5+ years** of experience in **Quality Assurance** & **Test Automation**. Managed the quality of **Web, Mobile** & **Desktop** applications in diverse industries like **Artificial Intelligence, Automotive, PLM,** & **Ridesharing**.

TECHNICAL SKILLS

Languages: **C, C++, Java, VB, .NET, Python** | Web Development: **HTML5, XML, PHP, JS, CSS, Node.js, React.js**
Automation: **QTP, Cucumber-Selenium, Karate DSL, Cypress** | Database: **Oracle, SQL, OrientDB**
IDE: **Eclipse, Android SDK, IntelliJ** | OS: **Unix, Solaris, Windows** | Tools: **JIRA, TestRail, Jenkins, Docker, VirtualBox**

EDUCATION

Master of Science in **Software Engineering & IT |** Oakland University, MI | GPA: 4.0   **2018 - 2020**
Bachelor of Engineering in **Computer Science |** University of Pune, INDIA | GPA: 3.2   **2010 - 2013**

WORK EXPERIENCE

Software Quality Engineer | Clinc Inc., MI   **Dec 2020 – Present**
- Responsible for assuring the quality of Clinc's **'Conversational Artificial Intelligence'** web-based platform.
- Translated **complex AI user stories** into detailed **end-to-end test cases** by gathering functional requirements from a variety of stakeholder teams like **Frontend Dev., Backend Dev., Core-AI,** and **Product Design**.

Automotive Infotainment QA Engineer | CIeNET Technologies, MI   **Mar 2020 – Nov 2020**
- Owned the quality assurance of media features in **Android based GM Infotainment** systems. Ensure quality by Regression, Functional, Sanity, Ad hoc, and Smoke testing of modules like **AM, FM, Bluetooth, LTE, and Wi-Fi**.
- Participated in **scrum meetings**, managed bug reporting in **JIRA**, and **flashed software releases** on hardware.

QA Intern | Kevadiya Inc., MI   **May 2019 – Dec 2019**
- Managed the QA of a **ridesharing software** on multiple **Web** and **Mobile platforms** in an **agile** environment.
- Automated **REST API Tests** with **Karate DSL** and **UI tests** with **Cypress,** while ensuring maximum test coverage.

QA Automation Engineer | Siemens PLM Software, INDIA   **Jan 2014 - Nov 2017**
- Responsible for QA of **web-based CRM applications** of **Teamcenter suite.** Planned and executed Functional, Regression, System, and Performance tests of new software builds in an **agile** environment.
- Created and maintained **Cucumber-Selenium** scripts in **Java** for **automating end to end test scenarios**.
- Maintained a Cucumber based **Behavior Driven Development** (BDD) automated testing framework.
- **Saved 40% analysis time** by creating functionality specific test cases thereby improving overall QA process.

SOFTWARE DEVELOPMENT PROJECTS

Android App for Landscaping Services | Oakland University, MI
- Created an Android app for landscaping companies to efficiently manage their operations. Optimized warehouse to client routes by integrating **Google Maps, SQL, and JSON** with the app.

Minimize Power Consumption in Cloud Datacenters | Oakland University, MI
- Programmed a scheduling algorithm in **Java** using **CloudSim** tool to **minimize power** used in cloud datacenters.

VB and SQL Based Feedback Management Software | University of Pune, INDIA
- Created a Student Feedback Software using **Visual Basic** and **SQL** for Professors to collect feedback from students.