

Michael Ryan

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Software Testing Engineer

SUMMARY

5+ years experienced software testing engineering professional armed with a demonstrated history of conducting software testing and executing mission-critical projects. Proficient in gathering requirements by understanding the business logic prior to test case writing to deliver results as a part of saving millions of dollars for clients. Adept at monitoring & managing databases and leveraging CASE tools to achieve error free results and optimize the testing process.

KEY SKILLS

• **Software Testing (Web & Mobile)** • **Product Requirement Analysis** • **Application Maintenance**
• **Manual/Automation Testing** • **Project Planning** • **Scalability & Performance Testing** • **Performance Testing** • **Test Scripting**
• **Test Cases Designing** • **Database Management** • **Debugging** • **Issue Resolution** • **Project Delivery** • **Report Generation**

TECHNICAL SKILLS

- Programming/Languages: VB.Net, C#, .Net, C, C++, ASP.Net, Python, VBA, Java, Visual Basic, SharePoint, PHP, MySQL, HTML
- Databases Management: Oracle 8.x/9.x, SQL Server, MS Access
- Design & IDE Tools: Rational Rose, UML, WSAD, Oracle WebLogic Server
- Systems: Windows Server 2016, Linux/Unix, Mac OS X

PROFESSIONAL EXPERIENCE

Software Tester

Mar '18 - Apr '21

SoftTech LLP

SF, CA

An international company that provides custom software engineering & consulting services with an employee base of 1400 professionals

Software Testing & Debugging

- Performed testing for different environments on **50+ software**, telecom, and reporting systems
- Designed & executed tests on **software usability**, analyzed the results on database impacts, errors or bugs, and usability
- Tested applications in web and mobile environments & ensured all user expectations are addressed during the testing process
- Evaluated & tested software and filtered **250+ bugs** in conformance to internal standards and project-specific requirements

Application Monitoring & Script Testing

- Monitored applications/**software systems** and carried out stress, performance, functional & **scalability testing**
- Developed test plans, test cases, test scripts, and **test reports** on **25+ projects**; saved the clients millions of dollars

Client Interaction & Report Generation

- Interacted with **30+ key company clients** in order to procure product requirements
- Generated 3+ insightful reports on a weekly basis pertaining to **software testing** & reported it to the **design team**

Product Designing & Project Planning

- Aided the **design team** of **25** as part of designing reviews; and providing inputs on requirements & potential problems
- Executed **5+ projects**, identified **business requirements** and met with system users to understand the scope of projects

Programmer

Mar '16 - Mar '18

MicroServices Enterprise

SF, CA

An IT company, established in the year 1980, with over 1000 employees and generating an annual revenue of USD 30bn.

Database Management

- Assisted in handling database and website programming tasks via Java, C, C++, **HTML**, and **SharePoint**
- Helped in optimizing the website for search engine rankings and **improved functionality** of the company's **database**
- Redesigned the internet & intranet pages and resolved memory corruption

Coding & Issue Resolution

- Built & deployed computer-assisted software engineering (CASE) tools to automate the **writing** of **25+ code**
- Resolved & fixed technical issues by leveraging strengths in **coding**, **debugging**, & **integration testing**
- Updated & **expanded** existing programs and debugged **50+ programs** by testing & fixing errors

CERTIFICATION

- MTA certification | Microsoft | Mar '17

EDUCATION

B. Sc. in Computer Science

Jun '12 - Apr '16

University of New York

New York, NY

A public polytechnic university in New York with a student base of over 5k students

- **GPA: 4.5/5.0**