

# Trent Johnston

## Lead Test Engineer

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### Summary

Be directly responsible for strategic and operational planning for a number of programs, projects within an organization. Keen on anticipating IT needs, solutions of a client business, and mapping those to bottom-line business results. Network with customers, partners, stakeholders, and vendors to evangelize the overall business. Leverage my technical and managerial skills, to design and promote custom-made business models that will improve operational and financial management. Drive recruiting, talent development and retention, thus contributing to organizational and decision-making ability to successfully direct concurrent projects. Passionate about building a great organization, with a strong inclination to quality improvement, and the ability to develop and drive a high-level strategy, as well as take a hands-on approach to implement that strategy.

### Work Experience

#### Cox Automotive Inc.

2014-06 - Present

##### Lead Test Engineer

- Mentoring, training, and managing a team of 20 engineers.
- Contributing to a 50% increase of workforce from 10 to 17-member team in a Nine months timeline.
- Responsible for all aspects of quality process, project management, test planning, test design, test management, test asset and lab management, staff management.
- Mentoring and coaching the offshore team on goals and objectives, business standards, and their career development.
- Actively monitoring employee performance, making recommendations for skill development, additional responsibility, promotion or dismissal in a timely manner.
- Streamlining the test process, introducing cross-training of Quality Analyst and Development Engineer.
- mapping those
- Creating detailed schedules, weekly project status reports, and extensive task definition to document and effectively communicate project test scope and constraints to stakeholders.
- Coordinating, strategizing, and managing testing and development activities within the team.
- Delivering technical presentations to cross-functional teams on testing methodologies and tools.
- Overseeing design and developing the automation framework, establishing and managing test automation infrastructure within the team.
- Implementing new test strategies during development and testing stages of new product launches.
- Developing and instituting an innovative automating test case generation tool using n-wise combinatorial technique using the advanced combinatorial testing software.
- Researching, introducing, architecting, and fully implementing an indigenous automation framework using software test automation framework.

#### Harris Corporation

2011-08 - 2014-05

##### Head of Engineering

- Technology advisor and transformation leader responsible for executed technology roadmap to meet the company's long-term business strategy, roadmap and goals.
- Responsible for technical design, user requirement specifications, and cases/stories by collaborating with product management and business on product requirements.
- Produced high quality, well designed, maintainable full-stack code daily.
- Designed and created service-oriented architecture with extensive test coverage to ensure robust, reliable, scalable architecture.
- Focused heavily on aspects of performance such as query optimization and caching.
- Entirely responsible for the design of platform architecture, development process, development operations, and QA process. Created and maintained test, staging, and production environments.
- Hired and managed the offshore development team.
- Mentored junior developers, held code reviews and ensured development best practices were followed.
- Implemented agile development methodology based around week-long iterations.

#### Randstad Holding

2006-04 - 2011-07

##### Quality Check Engineer

- Developed test plans, test cases, test scripts, and test reports on multiple projects of varying size.
- Performed testing on various software, telecom and reporting systems.
- Validated that user expectations were achieved during the testing process.
- Reviewed user requirements and documents to ensure that requirements were testable.
- Created full workflows of various testing modules as a means of knowledge transfer for new team members.
- Processed paper applications through applications.
- Created of complex, multi-layered testing scenarios and their test execution used the software.
- Created of defect tickets and their re-testing in various environments.