MINH TRAN

Herndon, VA 20171 ◆ (703) 674-9000 ◆ tranminh631@gmail.com

LINKS

- https://tranminh631.github.io/

PROFESSIONAL SUMMARY

Hardworking Software Developer in Test offering 3 years experience and expertise necessary to plan, develop, test, and secure big data systems capable of intaking many GBs of financial data daily. Helps teams produce exceptional products by offering in-depth black box Java/JUnit or Scala/Spark parallel ETL automated regression testing. Background working with business analysts to write and implement test cases with documentation through Jira. Fully versed in complete Software Development Lifecycle (SDLC) in an Agile, both Scrum and Kanban, environment. Develop React and Node based websites for small clients with Cypress based unit testing.

SKILLS

- Java JUnit Black Box Testing
- Scala/Spark Parallel ETL testing
- Agile, Scrum and Kanban
- Cypress and Selenium testing
- Direct client-facing user support and responsive communication
- Jira and Cucumber Test Tracking and Documentation
- REST API testing
- MySQL based query testing with SQL injection testing
- Working in cross-functional Agile teams
- On-premise to AWS migration testing
- Testing AWS EMR and EC2 based applications
- Role-based Security Testing
- Windows, Mac, or Linux (Mint) ecosystems
- SDLC
- Bash Scripting

WORK HISTORY

Full-Stack Freelance Web Developer, 01/2020 to Current
Self – Herndon, VA

- Conducted security audits to identify 100% of Open Web Application Security Project Foundation (OWASP Top 10) vulnerabilities.
- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.

- Conducted integration testing of modular front-end and back-end to promote site effectiveness over course of web development lifecycle.
- Create responsive React based websites for small clients with Node based back-ends.

Software Developer in Test, 06/2018 to 01/2020
FINRA – Rockville, MD
- Attended Security Testing committee meetings to propose, discuss, and advance CISSP certification education for Quality Assurance department and evaluate a 20+ hour training course.
- Identified and tracked defects with Jira and supported developers in resolving problems by completing additional tests.
- Reviewed violations of computer security procedures via creation of Access Control Matrices and System/Flow diagrams and developed mitigation plans.
- Created accurate and efficient JUnit Java test scripts to manage automated testing of certain products and features.
- Authored and maintained well-organized, efficient and successful test cases for entire team through either Jira or Cucumber.
- Validated REST APIs at different levels of role based security through MySQL queries.

Junior Software Developer in Test, 06/2017 to 06/2018
Ettain (Contractor For FINRA) – Rockville, MD
- Collaborated on all stages of systems development lifecycle (SDLC), from requirement gathering to production releases.
- Prepared test plans and over 50 test cases based on Options and Fixed Income securities requirement documents for Java.
- Performed Scala based parallel ETL through Spark DataFrames to uncover bugs and troubleshoot big data issues prior to application launch.
- Created Java JUnit tests for automated testing of AWS cloud migrations with proper Data Management registrations.
- Performed Jira based manual test reporting, documentation, and tracking.
- Drove adoption of service-oriented architecture (SOA) during conversion from local solutions to cloud-based services.

Web Developer Intern, 06/2016 to 08/2016
Perfect Sense – Reston, VA
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX and JSON coding.
- Reviewed projects for compliance with specifications and quality standards.
- Collaborated with development, quality assurance, and designers to develop web products.
- Oversaw creation of 20+ major new modules to a new software system.
- Managed full-cycle design implementation tasks, handling all phases from conception to completion while maintaining responsive and functional specifications throughout.

- Developed designs to meet specific requirements such as quick-loading sites with particular layouts.
- Worked in Agile-driven environment to effectively maintain project timelines and utilize available resources.
- Pinpointed user experience issues to devise targeted suggestions for creating cohesive user experience.

Web Developer Intern, 06/2015 to 08/2015
Perfect Sense – Reston, VA
- Designed and implemented over 10 web components across Special Olympics website.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX and JSON coding.
- Collaborated with product managers, testers, and developers to initiate process improvements.
- Oversaw back-end development using Java to maintain website integrity, security and efficiency.
- Worked closely with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Built outstanding and dynamic team of software engineers and developers which significantly boosted overall success of organization.
- Collaborated with designers to develop new applications system to enhance client requirements for web computing capabilities.

EDUCATION

Bachelor of Engineering: Computer Science, 12/2016
Virginia Tech - Blacksburg, VA

CERTIFICATIONS

- CompTIA Security+
- ISTQB Certified Tester (18-CTFL-02026-USA)
- Google Ads Search Certification https://skillshop.exceedlms.com/profiles /08f10ae5d7c9405b848a19d36e0affe0