Core Skills

TEST ENGINEER

Communication
- Define trading language
- Giving difficult feedback
- Asking Questions
- Monitoring progress
- Multitasking
- Knowing when to stop
- Triaging

Time Management
- Multitasking
- Knowing when to stop
- Triaging

Test Design
- Selecting Heuristics
- Black box techniques
- Identifying combinatorial explosions
- White box techniques
- Test Technique selection
- Identifying/using oracles
- Chartering
- Requirements analysis

Coaching & Mentoring
- Coaching
- Pairing
- Mentoring
- Teaching

Defect Management
- Bug reproduction
- Bug isolation
- Defect reporting
- Severity/Priority identification
- Root cause analysis
- Bug Advocacy

Learning
- Research Methods
- Asking questions
- Observation

Logic & Rational Thought
- Systems thinking
- Deductive reasoning
- Critical thinking

Modelling
- Mind mapping
- State model

Planning
- Scoping
- Prioritising
- Estimation
- Test planning

Risk Management
- Risk Control
- Risk Assessment

Test Approach
- Determine test approach
- ATDD
- Regression Testing
- Benchmarking
- Exploratory Testing
- BDD
- Testing Tours

Technical
- Debugging
- Coding
- Automated Testing
- Version Control
- TDD
- Profiling
- Refactoring
- Security Testing

Speaking & Writing
- Technical Writing
- Presentation Skills
- Conference Participation

Social Skills
- Cross functional pairing
- Situational Awareness
- Diplomacy

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