Workplace Details of a Software Test Engineer at South Indian Bank

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Roll no: 02

CSE - A

Workplace Skills Required

- **Technical Skills:**
  - Software testing methodologies (Manual & Automation)
  - Programming languages (Python, Java, SQL)
  - Test case design and execution
  - Defect tracking tools (JIRA, Bugzilla)
  - Automation frameworks (Selenium, Appium)
  - API testing (Postman, REST API)
  - Database management & SQL queries
- **Soft Skills:**
  - Analytical thinking
  - Problem-solving skills
  - Communication and teamwork
  - Time management
  - Adaptability to new technologies

Work Experience

- Hands-on experience in testing banking applications.
- Collaboration with developers to identify and fix bugs.
- Execution of functional, regression, and performance testing.
- Ensuring compliance with banking security standards.
- Working with Agile and DevOps methodologies.

Activities to Enhance Employability During B.Tech

- **Technical Learning:**
  - Completing online courses on software testing (Udemy, Coursera)
  - Learning automation tools like Selenium and JMeter
  - Practicing SQL and database management

- **Practical Exposure:**
  - Internships in IT firms or banks
  - Building small testing projects
  - Participating in hackathons or coding competitions
- **Certifications:**
  - ISTQB (International Software Testing Qualifications Board)
  - Certified Agile Tester
  - Selenium WebDriver certification
- **Soft Skill Development:**
  - Attending communication and teamwork workshops
  - Participating in group projects to improve collaboration skills

Suggestions for B.Tech Students

- Start learning testing tools early.
- Work on real-time projects and internships.
- Gain certifications to boost credibility.
- Stay updated with the latest industry trends.
- Develop problem-solving and analytical skills.