

# Kusai Elmusraty

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## Skills

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- **Programming Languages/Database management:** Python, C++, C#, JavaScript, Typescript, Gherkin, SQL, HTML, CSS.
- **Software Testing:** Manual Testing, Automation Testing, End-to-End Testing, Black-Box Testing, White-Box Testing, Functional/Non-Functional Testing, Regression Testing, Smoke Testing, API Testing, Acceptance Testing, Unit Testing, Load Testing, Stress Testing, Network Testing.
- **Tools and Automation Frameworks:** Selenium, Playwright, Cypress, Robot Framework, Postman, Cucumber, SpecFlow, JMeter, TestNG, NUnit, Katalon Studio, TestRails, Jenkins, Git, Jira, Zephyr Scale.
- **Operating Systems/IDEs:** Windows, macOS, Linux, Bash, ADB Shell, Vim, Xcode, Visual Studio code, PyCharm, IntelliJ IDEA, Atom, Xcode.
- **Development Methodologies:** Agile, SDLC, STLC, Data-Driven Techniques (DDT), Behavior-Driven Development (BDD), Continuous Integration/Continuous Deployment (CI/CD).

## Experience

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- **Automation Engineer** *Jan 2024 - Present*  
Intel Corporation
  - Developed and executed white box and black box test cases for Intel's Extreme Tuning Utility (XTU), achieving high test coverage across UI and backend components.
  - Automated test cases using NUnit with C#, SpecFlow, and Cucumber (Gherkin syntax) to ensure robust behavior-driven development (BDD).
  - Integrated CI/CD pipelines using Jenkins for automated test execution, test reporting, and deployment processes.
  - Performed regression testing, unit testing, and smoke testing to validate new software features and maintain application stability.
  - Collaborated in Agile teams, actively participating in Sprint Planning, Daily Stand-ups, Retrospectives, and PI Planning sessions.
  - Designed and maintained comprehensive test scripts and documentation, ensuring consistent test coverage and easy replication of test cases.
- **Full Stack Software Engineer Intern** *Aug 2023 - Dec 2023*  
Zaytona LLC
  - Developed and deployed user management web applications using modern full-stack technologies.
  - Created responsive front-end components with HTML, CSS, JavaScript, and Bootstrap, ensuring cross-browser compatibility.
  - Designed and optimized back-end solutions using Node.js and PostgreSQL, implementing efficient database queries and RESTful APIs.
  - Collaborated with cross-functional teams to translate business requirements into technical implementations.
  - Contributed to code reviews and documentation, ensuring code quality and adherence to industry standards.
  - Participated in Agile development practices, including sprint planning and stand-ups.
- **QA Testing Engineer Intern** *Sep 2019 - Aug 2022*  
Novus Lab
  - Conducted GUI and VUI testing for Amazon and Facebook projects, ensuring cross-platform compatibility.
  - Wrote detailed bug reports and collaborated with development teams to resolve critical issues.
  - Performed wireless network and IP testing to validate connectivity and data integrity.
  - Network traffic analysis using ADB shell to verify performance of android platforms.
  - Validated web-based application performance and usability before deployment using Selenium with Python configured with cucumber BDD.

## Projects

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- **Portfolio Website Project** *June 2023 - August 2023*  
Designed and deployed a personal portfolio website using HTML, CSS, and JavaScript. GitHub integration for version control.
- **AASPIRE Capstone Project** *Mar 2023 - June 2023*  
Built a patient-administration platform using JavaScript, Bootstrap, Node.js, and PostgreSQL.
  - carried out end-to-end testing with Cypress and Cucumber to ensure data integrity and accessibility.

## Education

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- **Bachelor of Science in Computer Science** *June 2023*  
**Portland State University**, Portland, OR  
Coursework: Software Engineering, Data Structures, Operating Systems, OOP, Software Testing, Database Management, System Architecture, Programming Languages, Natural Language Processing, Algorithms, Code Analysis.