

CHRISTOPHER NABO

Web Application Tester / Software Full Stack Developer
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EXPERIENCE

Web Application Tester/Software Full Stack Developer

Department of Science and Technology - Advanced Science and Institute (DOST-ASTI)

March 2022 to April 2023

Quezon City, National Capital Region, Philippines

Responsibilities as a Web Application Tester:

- Understand and review software document (user stories, validation document, test plan, test design, etc.) in preparation for testing.
- Inform the test lead about what all resources will be required for software testing.
- Develop and document test cases for testing and learn to prioritize testing activities.
- Execute test cases to verify bug-free functionality of new and existing features.
- Discover, research, and document project bugs and defects.
- Product support, investigating potential live issues and bugs.
- Work directly with the programming and design teams to investigate and reproduce complex issues.
- Identify, report and document software defects using provided templates.

Responsibilities as a Software Full Stack Developer:

- Install and configure local Django installation for back-end development.
- Install and configure Anaconda Python package manager for Python back-end development.
- Implement Django-based Web application back-end functionalities that will integrate with developed front-end solutions.
- Implement Django-based API application endpoints.
- Install and configure local installations of NGINX, Gunicorn, and PostgreSQL for integration with the back-end source code.
- Perform unit tests for written back-end source code.
- Collaborate with business analyst, front-end developer, and API designer in identifying back-end functionalities that need to be implemented.
- Collaborate with the AI engineers in integrating the developed machine learning models into the API application.
- Collaborate with the system administrator in deploying the developed Django-based Web application and API application.
- Develop technical documentation of written back-end source code for the Web application and API application.
- Design user interaction models, workflows, and user interfaces.
- Collaborate with business analyst and back-end developers to define the user experience.
- Perform hands-on programming tasks, such as prototyping, feature development, bug fixing, testing across multiple browsers/platforms.
- Implement best practices for coding in accordance with W3C standards, great usability and exceptional quality, with awareness of client needs and priorities.
- Design and implement web applications.
- Translate exchange specifications and build systems' prototype.
- Ensure system features behave according to specifications by conducting unit test, integration test and regression test.

Shared Responsibilities:

- Participate in regular Scrum stand-up meetings with the system development team to give status updates on assigned software development tasks.
- Write documentation of the software, e.g., test plan, testcases, bug reports, user manual, technical documentation.
- Participate in events and other activities (e.g., exhibits, meetings, and seminars) needed for the project.
- Handle minor task tickets that may be specific to software programmer, software tester, or business analyst.
- Proactively collaborate with other team members in delivering software requirements.

IT Personnel (On-the-job Training)

Bicol University Polangui Campus - Engineering Department

June 2019 to September 2019

Polangui, Albay, Philippines

Responsibilities:

- Maintain the running condition of computer units in the department's laboratory.
- Perform software installation, computer reformatting, computer assembly and disassembly.
- Keep an inventory of the computers and their peripheral devices.
- Create local area network among the computers and switches.

SKILLS

QA Testing

- Manual Testing
 - Unit Testing
 - Smoke Testing
 - Functional Testing
 - Regression Testing
 - User Acceptance Testing
- Automation Testing
 - Java (Katalon Studio)
 - Robot Framework (PyCharm)
 - API Testing (Postman)
- Issue Tracking and Project Management
 - Jira
- Test Management
 - TestRail

Web Development

- Frontend
 - HTML5 + CSS3 + JavaScript
 - ReactJS
 - Material UI
- Backend
 - Django
 - Django REST Framework

Relational Database Management Systems

- PostgreSQL (pgAdmin)
- MySQL (MySQL Workbench)

Version Control System

- Git (GitLab, GitHub)

Virtualization and Containerization

- Docker
- Ubuntu
- CentOS

Visual Design

- UI/UX Design (Figma, Adobe XD, Adobe Illustrator)
- Graphic Design (Adobe Illustrator)

Language Proficiency

- Bicol (native)
- Filipino/Tagalog (native)
- English (advanced)

EDUCATION

Bachelor of Science in Computer Engineering

Bicol University Polangui Campus

June 2015 – May 2020

Polangui, Albay. Philippines

Bachelor of Science in Computer Engineering

Computer Arts and Technological College, Inc. (transferred to Bicol University Polangui Campus)

June 2014 – March 2015

Legazpi City, Albay. Philippines

CERTIFICATIONS

Certificate of Eligibility - Career Service Professional Examination (84.52% rating)

Ubiquiti Networks Training Certification - Ubiquiti Broadband Wireless Specialist

Certificate in Principles of Graphic Design