# BIBHABASU MAHAPATRA

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## EDUCATIONAL QUALIFICATION

- B.Tech in Computer Science &Information Technology with CGPA 7.6 from Institute of Technical Educationand Research (ITER), Bhubaneswar,Odisha

- Scored 69% in 12th Exam from Councilof Higher Secondary Education, Odisha

- Scored 79% in 10th Exam from Boardof Secondary Education, Odisha

## PROFESSIONAL EXPERIENCE

- Working with Cyient from October 2021 to Till date.

- Working with UST Global from September 2021 to October 2022.

- Worked in Kreativsarg Technology Solutions from May 2019 to July 2020

- Worked in L&T technology services from Aug 2016 to March 2019

- Worked in Nggawe Nirman Technologies Private Limited from May 2021 to July 2021

## CAREER SUMMARY

Passionate about continuous skill development and Professional Growth. I am confident in my ability to come up with quality deliverables within a given timeframe.

## PROFESSIONAL SUMMARY

- Proactive, self-driven, and solution-focused Engineer with 6.5+ years of experience in QA in both Automation Testing as well as Manual Testing. My experience includes Selenium Webdriver Test Automation using Python, Smoke Testing, Functional Testing, Integration Testing, System Testing, and Regression Testing.

- Expert in writing and executing Test Cases, Functional Requirements, SDLC (Software Development Life Cycle) & STLC (Software Testing Life Cycle)

- I am having working experience in BIOS Automation using Python and am well versed with DUAF Framework.

- Total 3.5+ years of experience in Automation Testing Framework using Python 3*.

- Involved in sprint planning and sprint backlog, story estimation, daily stand-ups, release planning, and code reviews.

- Working experience in JIRA, TFS, and SVN as a bug tracking tool and task management.

- Having Experience in business requirements analysis, creation of Testing Strategy, Test Plans, Test Execution, Defect Reporting, and preparation of Test Results Summary.

- Well-versed and high proficiency in Agile Methodologies.

- Dynamic, result-oriented, and performance-driven, quick learning ability, with good communication skills, technical skills, time management skills, and a commitment to meeting project goals.

# TECHNICAL SUMMARY

## Technical Skills:-

- Core Python
- Selenium Web Driver
- Manual Testing
- Web Automation using Robot Framework
- TestNG
- MYSQL
- Functional Testing
- Python Scripting

## Experience in Tools:-

- PyCharm
- Visual Studio
- JIRA
- JMeter
- POSTMAN
- SOAP UI
- TFS
- SVN
- Git & GitHub
- CI/CD
- Jenkin
- Apache Maven
- AWS

## Expertise in Methods:-

- Manual Testing
- UI Automation Testing
- Smoke Testing
- Functional Testing
- Integration Testing
- System Testing
- Regression Testing
- Functional testing
- Bios Automation
- Agile & Waterfall Methodology

## Operating Systems:-

- Windows 10
- Windows 8
- Windows 7

# WORK EXPERIENCE

**Project Name:- SAS Upgrade Automation(Thales Project)**
**Team Size:- 15**
**Description:-** SafeNet Authentication Service (SAS) is a cloud-based offering that delivers fully-automated, highly secure authentication-as-a service with flexible token options that are tailored to the unique needs of any organization, substantially reducing the total cost of operation. SafeNet Authentication Client generates and stores private keys on-board highly secure smart card-based authenticators, allowing users to securely carry all their digital credentials wherever they go.

**Role & Contribution Role:** Senior Automation Test Engineer
- Developing Automation Test Suite for SAS upgrade using Python,
- ·Worked in automating SAS upgrade scenarios.
- ·Worked in sprint planning for new requirements and features.
- ·Data base set up for SAS testing such as MSSQL, MYSQL, Postgres.
- ·Manual testing of different scenarios
- ·Upgrade scenarios verified through automation script using Python
- Handling team members to automating the SAS upgrade scenarios.

**Tools**: Python, JIRA, Jenkin, CI/CD, Git & Git, Web Automation using Robot Framework

- **Project Name:- BIOSConnect Automation (DELL Technology)**
- **Team Size:- 10**
- **Description:-** BiosConnect feature provides a foundation BIOS platform to connect to a Dell HTTPS backend and load an OS image via the HTTPS method. This foundation expands the Serviceability feature set to enhance the on-box reliability experience by adding cloud-based Service OS support. BiosConnect has launched automatically on successive failures of the local Service OS booth path. The RAMDisk is used for local storage of downloaded SOS images from the cloud.

- **Role & Contribution Role:** Senior Automation Test Engineer
- Developing Automation Test Suite using Python for Mixed Environment.
- Executing the individual scripts in the UEFI shell to verify whether the test case passes.
- Execution of the test case manually to gather expected results
- Involved in validating and preparing a Testing strategy.
- Collaboration with senior team members in gathering new test cases and automating
- Creating Test Plan and Manual Test case Execution.
- Handling Team members to understand the BIOSConnect features.
- Execution of test package using DUAF Framework.
- Involved extensively in doing System Testing and Regression Testing
- Responsible for raising PRs for my test packages and reviewing PRs of team members
- Defect Logging, tracking, and retesting the fixed defects using JIRA
- Facilitated daily stand-up calls and other sprint planning meetings
- Involved in giving demos for completed stories to Team Members
- Worked closely with Development teams to resolve quality issues.
- Participated in interviewing candidates for my team as well as for other projects

**Tools:** Python, DUAF Framework, JIRA, Bit-Bucket, Jenkin, BDD Framework, CI/CD, Git & GitHub

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# Project Name:- BOT Market Place Service(Nirman Healthcare)
# Team Size:- 5

**Description:-** Nirman Healthcare offers powerful solutions in the healthcare domain in which clinics can manage all the things by this application which keeps details like insurance, Patient health history, and many more in a single application.

**Role & Contribution Role:** Senior Software Engineer

- Involved in validating and preparing the Testing strategy
- Understanding the Requirement
- Creating Test Plan and manual test execution.
- Rest API Testing Execution using Postman.
- Creating UI Automation Setup Using selenium web driver and Python.
- Reporting the collected bugs to the development team through JIRA.
- Worked closely with Development teams to resolve quality issues.

**Tools:- Python, Selenium Web Driver, JIRA, POSTMAN, PyCharm, Git & GitHub, AWS Lambda**

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**Project Name:- OEM (Original Equipment Manufacturer)**
**Team Size:- 8**
**Description:-** OEM project is about tracking Assets (Manufacturing Vehicles), tracking vehicle efficiency, the zone, and Geofence they belong To. Sending notifications if any failure from the asset side

**Role & Contribution Role**: Testing Engineer

* Understanding the Requirement
* Involved in validating and preparing the Testing strategy
* Creating Test Plan and manual test execution.
* Creating collection and Rest API Testing Execution using Postman.
* Creating UI Automation Setup Using selenium web driver and python.
* Reporting the collected bugs to the development team through JIRA.
* Worked closely with Development teams to resolve quality issues.

**Tools**:- Python, Selenium Webdriver, MYSQL, JIRA, POSTMAN, PyCharm, BDB

**Project Name: Help-desk Portal**
**Team Size-10**
**Designation: Senior Software Engineer**

**Description:-** A user logins to the portal and registers complaints according to issue categories on the dashboard. Each issue will be assigned to the appropriate developer, administrator, or HR team, which can be accessed from the respective dashboard. When the issue has been resolved, the ticket will be updated and closed.

**Role & Contribution Role:**

* Test Plan preparation as per requirements.
* Participate in Testing strategy.
* Understanding the Requirement
* Creating Test Plan and Manual test execution.
* Written some unit test cases for testing.
* Reporting the collected bugs to the development team through JIRA.
* Worked closely with Development teams to resolve quality issues.

**Tools:- MYSQL, JIRA, POSTMAN, PyCharm, Linux, AWS EC2**

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**Project: HED PLM Production Support, Team Size- 10**
**Designation: Test Engineer**

**Description:**
PLM production support, Web-Based Protocols Testing, Implementation of several customizations, data updating, Execution of MQL queries to resolve the Incidents as per user requirements, and Extensive Knowledge of Microsoft Excel software.

**Role and Contribution:**
- Participate in Testing strategy.
- Understanding the Requirement
- Creating Test Plan and Manual test execution.
- Execution and Delivery of various SRFs and Incidents.
- Execution of MQL queries to resolve the Incidents as per user requirements
- In time closing of helpdesk queries raised by production people Resolving production bugs and given production support.
- Worked closely with Development teams to resolve quality issues.

**Tools**:- MYSQL, JIRA, POSTMAN, PyCharm, Linux

# ADDITIONAL SKILLS:-

- Team Management skills with time-bound delivery by the client.
- Good understanding of development processes
- Comprehensive problem-solving ability
- Capable of generating new ideas
- Ability to deal with people diplomatically
- Effective communication, collaboration, and negotiation skills
- Willing to learn new technologies for future scope

# PERSONAL DETAILS:-

- Passport Name: Bibhabasu Mahapatra
- Passport Number: N7567887
- Languages Known: English, Hindi, and Oriya
- Hobbies: Social service, listening to music, Carrom, Plantation, Internet Surfing, Driving Car, Bike Trips.

# Declaration:
I declare that the information given above is true and correct to the best of my knowledge.

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