

# SAI DHAWAL PHAYE

**Applications Developer**  
Oracle Financial Services Software  
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## WORK EXPERIENCE

### • Oracle Financial Services Software

*Full Stack Developer: July 2018 - Present*

- Developing Front-end UI screens (**40+**) using OJET (Oracle JavaScript Extension Toolkit) [utilizes Knock-outJs & ReactJs + docker] for **Oracle Banking Liquidity Management (OBLM)** - Successfully resolved JavaScript + UI issues for the same (**200+**).
- Developed batch utilities for git and repository management for branch migration, merge and other operations.
- Worked on **Spring boot based microservice architecture**, implemented in-house applications based using Netflix Eureka 2.0.
- Created micro-services using Spring Boot 2.
- **Landed 7+ clients** including the likes of Wells Fargo and Mizuho Bank.

*Automation Applications Developer: September 2016 - July 2018 (1 year 10 months)*

- Developed **end-to-end Automation Framework for OBLM** using **Selenium WebDriver** + **JAVA** + **Apache POI** **under 6 months**.
- Developed parsers to extract data (X-paths, Locators) from ADF based pages using regular expressions for developers.
- Solved dynamic X-path problems by finding patterns and creating methods for the same.
- **Planned and conducted 3-days workshops for experienced developers** on Automation Framework.
- Shortened the **coding effort and time by one-third**, facilitating developers to write unit/functional test cases using intuitive English commands with continuous data feed support.
- Developed **back-end automation** procedures for web-service based architecture.

## EDUCATION

Qualification	University	Institute	Year	Grade/%
B. Tech (Honors)	NIT Raipur	NIT Raipur	2012-2016	8.27/10
Intermediate/+2	CBSE	HHEA Raipur	2011-2012	89.4/100
Matriculation	CBSE	HHEA Raipur	2009-2010	9.8/10

## KEY PROJECTS

### • Battle of Brains – Hackathon - April 2019

- Implemented **Auto-Regressive Integrated Moving Average (ARIMA) model**, performing a hyper-parameter search for the best possible performance.
- The solution **outstood 40+ teams** to create a better banking solution.
- Highly appreciated by the management and **deployed for use in the real-time environment**.

### • Automation Framework - OBLM – Framework - June 2017

- Developed **Data-Driven Automation Framework** using **Selenium WebDriver** in **JAVA** & **Apache POI**.
- **Delivered workshops for developers** resulting in 25+ Screens/Modules & 500+ test cases.
- Inculcated Developer-friendly modes for further use.

### • X-Path Maker – Utility - March 2017

- Created an extractor/parser for ADF based application pages in **JAVA**.
- Used Regular Expressions to generate pattern based locators.
- Successful in extracting out **95% X-paths automatically**.

### • Mechanism design to harness energy from human footsteps – B.Tech. Major Project - May 2016

- Used tools such as **CATIA, MATLAB, Ansys** for simulating stress conditions on a joint.
- Employed computational methods to minimize power loss and maximize energy output.

### • Who Wants to Be A Millionaire – C++ Program - 2011

- Developed a **fully functional "Who wants to be a millionaire"-esque game** with random questions and e-mail support in **C++**.
- Used concepts such as captcha, graphics libraries in **C++** to achieve look and feel.
- Project sent to CBSE (National Education Board) - received appreciation from the board.

## TECHNICAL SKILLS

- **Programming/Scripting Languages/Frameworks** - Python, C++, Selenium WebDriver, HTML, JAVA, JavaScript, jQuery, SQL, Shell Scripting, Knockout, React
- **Operating Systems** - Windows, Linux (Ubuntu)
- **Tools** - Eclipse, Oracle SQL Developer, Postman, Microsoft Office, Oracle WebLogic Server, Atom

## POSITIONS OF RESPONSIBILITY

- **Entrepreneurship Cell (2014-2015)**
  - Successfully organized the first **E-Summit** at NIT Raipur.
  - **Led a team of 16** to organize the event 'HR Sutra-An Interview Experience'.
  - Fundamental in starting campus ambassador programs thus promoting inter-collegiate network.
- **Google Student Ambassador Program (2013-2014)**
  - With a team of 6, conducted the first ever Virtual TEDx conference at NIT Raipur.
  - Promoted Google as a part of **GSA** program through various events such as "Smash N Bash".
- **CMS Vatavaran – International Environment & Wildlife Film Festival (2015)**
  - Organized film screenings at different avenues covering Raipur only with a team of 6.
  - Escorted & attended to Mr. Jaisingh Dhumal (Chief Manager, ICICI, Mumbai) and guided Mr. Aamir Aijaz (Filmmaker) for the span of the festival.
  - Organized a film-making workshop for budding cinephiles.
- **Team Aavartan (2014)**
  - Successfully organized and marketed **Central India's largest Techno-Management Fest** with a turnout of 10000+.
  - **Leading a team of 20**, brought a three-fold increase in sponsorship for events.
- **Core Member of Click Club (2013-2016)**
  - Received **excellent grades** in photography consistently for 2 years.
  - Organized pixel lane and many other events for an audience of 2000+.
  - Went on 'photo-walks' and Click trips for adventure & photography.

## ACHIEVEMENTS

- Awarded **1st position in "Caliber de-en-quete" (CDQ)** - aptitude test organized by IIT BHU, Varanasi.
- Received **Gold & Silver medals** in Grade 11 (Rank – 1) & Grade 12 (Rank – 2) respectively.
- Achieved **3rd Position in Mega State Level Scholarship Test** conducted by Career Launcher, January 2013.
- Presented a project on **"Alternative Sources of Energy"** at **CBSE Inter-School Science Exhibition** in Bhubaneswar, Orissa in 2011.
- Acquired **5th Position at Inter-School Level Quiz, Limca Book of Records Quiz** in 2010.
- **Topped state level entrance test** for Disha Junior College, 2010.
- Secured **3rd Prize in English Essay Competition on Child Labour** in 2008, Hidayatullah National Law University.
- **Reached top 100** in state level "Vigyan Paheli" Competition.

## OTHERS

- **Strengths:** Dedicated Worker, Expressive, Adaptable, Team Player, Fast Learner.
- I enjoy poetry, philosophy and writing as leisure activities. I identify myself as a stand-up fanatic.
- **Spoken Languages:** Fluent in English, Hindi; Beginner in Punjabi, Marathi.