



## David Oku

### Senior Software Engineer | Intelligent Automation Specialist | RPA

#### SUMMARY

A seasoned Software Engineer with over 7 years of .NET technology expertise and a significant focus on RPA implementation using tools like UiPath, Power Automate, and Blue Prism, particularly in the banking and finance sector. Skillful in creating and managing Power Apps and Power Pages, with proficiency in C#, VB.NET, .NET Core, and other modern programming languages and frameworks. Demonstrated experience in enhancing operational efficiency through automation, achieving milestones like reducing runtime by 70% and preventing losses over \$2 million in the healthcare sector. A mentor with a knack for developing reusable components and a track record of fostering knowledge sharing in automation technologies. Holds an MSc in Data Science, strengthening analytical and technical foundations alongside an educational background in mechanical engineering.

#### TECHNICAL SKILLS

<b>Main Technical Skills</b>	.NET (7 yr.), C/C++/C# (7 yr.), Visual Basic .NET (7 yr.), .NET Core (7 yr.), RPA (5 yr.)
<b>Programming Languages</b>	Java, JavaScript, PHP
<b>AI &amp; Machine Learning</b>	AI/ML
<b>.NET Platform</b>	Azure, Entity Framework, .NET (7 yr.), .NET Core (7 yr.), Visual Basic .NET (7 yr.)
<b>C++ Libraries and Tools</b>	C/C++/C# (7 yr.)
<b>Java Libraries and Tools</b>	JSON
<b>Java Frameworks</b>	Spring Boot
<b>Databases &amp; Management Systems / ORM</b>	MySQL, Oracle Database
<b>UI Frameworks, Libraries, and Browsers</b>	CSS, HTML
<b>Cloud Platforms, Services &amp; Computing</b>	Azure

<b>Azure Cloud Services</b>	Azure DevOps
<b>SDK / API and Integrations</b>	API
<b>Third Party Tools / IDEs / SDK / Services</b>	Excel, Microsoft Word, Office 365, Outlook
<b>Version Control</b>	Git, Github Actions
<b>Collaboration, Task &amp; Issue Tracking</b>	JIRA Core, Microsoft Teams
<b>Platforms</b>	monday.com, RPA (5 yr.), SharePoint, Unity
<b>File Systems, Storage</b>	OneDrive
<b>Other Technical Skills</b>	Connectors, SPSS

## WORK EXPERIENCE

### RPA Developer/Community Contributor, Desky Reusable Components

**Duration:** May 2024 - present

**Summary:** Developed and published multiple reusable packages and libraries for the RPA community.

**Responsibilities:** Creating reusable components, publishing packages on NuGet, engaging with the RPA community.

**Technologies:** UiPath, NuGet

### Developer, Quiz bot(Project)

**Duration:** Jul 2021 - Aug 2021

**Summary:**

- Developed a quiz game bot using UiPath and VB
- NET

**Responsibilities:** Programming and development of a quiz bot.

**Technologies:** UiPath, VB.NET

### RPA Mentor & Trainer, Deskstones RPA Space

**Duration:** 2017 - present

**Summary:** Created e-learning content for learning RPA using UiPath.

**Responsibilities:** Creating and sharing e-learning content, fostering the RPA development community.

**Technologies:** UiPath, YouTube

### MSc Data Science Student, Predicting House Prices in the United Kingdom using Machine Learning (ML)

**Duration:** Jul 2023 - Sep 2023

**Summary:** Thesis project on predicting house prices using machine learning.

**Responsibilities:** Developing a machine learning web application for predicting regional house prices.

**Technologies:** Machine Learning, Python, Streamlit, GitHub



## Game Developer, Galaxy Shooter Game

**Duration:** 2018 - 2019

**Summary:** Developed a two dimensional action game using Unity and C#.

**Responsibilities:** Game development and programming.

**Technologies:** Unity, C#

## EDUCATION

- **MSc. Data Science**  
Degree with Distinction at Leeds Beckett University with a thesis on Machine Learning for UK house price prediction.  
Sep 2022 – Sep 2023
- **BSc. Mechanical Engineering**  
Second Class Honors (Upper Division) at Kwame Nkrumah University Of Science & Tech with a C.W.A of 65%.  
Aug 2011 – Jun 2015
- **Java Software Engineer**  
Corecom Technology Academy with focus on HTML, CSS, JavaScript, Java & SpringBoot.  
Sep 2023 – Oct 2023
- **High School Degree**  
Attended Nigerian Airforce Secondary School Ikeja and obtained WASSCE.  
Aug 2004 – Jun 2010

## CERTIFICATION

- **UIPath Advanced RPA Developer**  
RPA Certification.
- **ITIL Foundation level 4**
- **Processmaker Certified Advanced Architect & Developer**  
Workflow automation certification & BPMN.
- **British computer society Certificate in IT**

