

LOUIS BATTY

Software Developer

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🚗 Code 8

SUMMARY



Dedicated and innovative Software Developer with a strong passion for technology and a proven track record of delivering high-quality projects. Skilled in various programming languages including C, Python, and SQL, with experience in web development and software engineering. Experienced in working collaboratively in team environments and adept at problem-solving. Committed to continuous learning and leveraging cutting-edge technologies to drive impactful solutions.

EDUCATION

2022 – 2024	Bachelor's Degree BCom in information systems. In my 3rd year of my Bcom in information systems with plans to do honors	University of Johannesburg
2017 – 2021	NSC Completed my matric	Hottentots Holland High

EXPERIENCE

02/2024-Todate Part-time	Software Developer/Maintainer Working with CAT(Center of Academic Technology) with in UJ to maintain and update the teaching evaluation piece of software	University of Johannesburg (UJ)
10/2023-12/2023 Contract	Software Developer Embarked on a rewarding contract with the University of Johannesburg, where my role as a software developer was to create a transformative web application. This innovative solution is designed for seamless integration into the university's Learning Management System (LMS) and aims to facilitate the efficient distribution of meals to less fortunate students. Committed to leveraging technology for social impact, I contributed my skills to develop a web app that not only addresses immediate needs but also fosters a sense of community and support within the university environment. This project reflects a dedication to harnessing technology for positive change and exemplifies the powerful intersection of software development and social responsibility.	University of Johannesburg (UJ)
09/2023-12/2023 Contract	Research Assistant Contributed as a research assistant at the cutting-edge JBS-Innovation Lab, where my focus was on exploring the debugging and code capabilities of ChatGPT. Collaborating with experts in the field, I played a vital role in crafting an insightful article that delved into the intricacies of ChatGPT's functionality. Additionally, I actively participated in a semantic review of AI in entrepreneurship, contributing to a paper that sheds light on the transformative role of artificial intelligence in entrepreneurial landscapes.	JBS-Innovation Lab
04/2023-09/2023 Contract	Software Developer Engaged as a dynamic software developer within the JBS team, I played a pivotal role in crafting cutting-edge web applications for CHIETA. Leading a team of six developers, I spearheaded the development of an innovative online assessment tool. Leveraging my expertise in HTML and CSS/Bootstrap, I ensured the seamless integration of user-friendly interfaces designed in Figma. The backend was powered by Asp.net, while my proficiency in web development, SQL/data reporting, and Azure technologies elevated the project's success. My role extended beyond coding; I embraced the challenge of leading a collaborative team, ensuring the delivery of high-quality solutions.	JBS/CHIETA

09/2022-07/2023
CFG Instructor Journey
Code First Girls

Part-time Contract
I embarked on an empowering journey at Code First Girls, dedicated to equipping women and non-binary individuals with the skills needed for success in the tech industry.

Python Instructor - Trainer to Lead Role: In September 2022, I joined as a part-time Python instructor, spearheading an introduction to Python course. Passion for teaching and the subject matter quickly stood out, leading to a contract renewal after two months and a promotion to assistant instructor.

Assistant Python Instructor - Rising to Leadership: From November 2022 to January 2023, I continued my dedication as an assistant Python instructor, playing a crucial role in teaching two Python courses. Recognizing my commitment and expertise, I was promoted to lead instructor, marking a pivotal moment in my CFG journey. The contract was renewed, solidifying my position as a leader in the educational team.

Lead Python, SQL, and Data Instructor - Empowering Futures: From January 2023 to July 2023, I assumed the role of lead instructor, steering courses focused on Python, SQL, and data. The curriculum aimed to empower women and non-binary individuals, preparing them for the dynamic work environment. Responsibilities extended beyond Python to encompass SQL and data skills, showcasing the breadth of my expertise. The experience included teaching not only coding but also utilizing databases and instilling valuable workplace readiness.

Throughout this enriching experience, I honed my teaching skills, navigated the intricacies of Python, PyCharm, and APIs, and contributed to creating a supportive learning environment. My journey with Code First Girls has been a testament to the transformative impact of education and mentorship in the realm of technology.

Teaching / Python / PyCharm / API/Requests

07/2022-10/2022
VR Game Developer
University of Johannesburg

Contract
As a Virtual Reality Software Engineer, I successfully designed and developed a captivating 3D VR game centered around chemical experiments for a prestigious university faculty. The project showcased my skills in leveraging cutting-edge technology to enhance educational experiences.

C# / Unity / VR

LANGUAGES	SKILLS(TOOLS)	SKILLS(PROGRAMMING)
English - Native Afrikaans - Basic	- Computer literacy - GitHub/Git - Linux/Ubuntu - Unity/Godot - Canva - MS office - Overleaf/LaTeX - VS code - Visual studio	- C/C# - Python - HTML/CSS - React Native/expo - SQL - Web development/Design - ASP.net - JavaScript - Angular

PROJECTS		
02/2024	UXplore This is a full software development project for my final year we go from planing to design to development through out the year we work in sprints to deliver this project we will be developing this is Angular/Ionic for a seamless mobile web app, making use of ASP.net to build our own API as well as make use of various other APIS to make this app work	UJ
11/2023	UJ Food App A web app that will be used By UJ to assist with the distribution of food parcels to the under privileged students	UJ
09/2023	Agile adventures: project success(Team) A web and mobile game developed to teach stakeholder engagement.	UJ
	Game Link	

08/2023	Big mart Dashboard(Team) With the use of chart.js and apex.js we made a dashboard that is a website hosted on github. Code link app link	UJ
02-11/2023	Teaching evaluation Worked on a web application for the university of Johannesburg lectures to request teaching evaluations from there students. app link ASP.NET / VB.net / DynamicPDF / SQL / SMTP / Azure	Kingsman Academic/UJ
11/2022	Public administration web app i worked in a team for this hackathon where we build a web app that was aimed at solving public administration issues and ensure connection between the community and there municipalities.(we just done front end) ASP.net / team work	EFP Hackathon
06/2022	Kingsman mobile app I was part of the team that developed and upgraded the app to make a second version. React / Expo	Kingsman Academic
2022	JBS VR In this project i build the prototype Virtual environment of the JBS park as well as helped with modeling some of the characters and provided insight on how to work with unity for the final product. unity / Blender / Animation	Kingsman Academic
02/2022	Rat Quest I developed a 2D platformer game using the pygame module in Python with some help from a friend who done the art. Download game Python / Pygame / Photoshop	Personal

CERTIFICATION'S/COURSES AND BOOT-CAMP'S

11/2023	Kingsman problem solver of the year Was awarded with this for my excellent work in solving real world application problems.	JBS Innovation Lab
Currently	Microsoft Az-900 I am currently busy working on getting my azure fundamentals certification	Microsoft
04/2024	C#: Applied Data structures C# course on how to use generic data structures	LinkedIn
03/2024	Angular Angular course developed by the angular team at google	Sololearn
11/2023	CFG Instructor Completed the instructor training program for Code First Girls.	Code First Girls
07/2023	JavaScript Intro to JavaScript.	Sololearn
03/2023	SQL SQL syntax.	Sololearn
10/2022	Intro to MS Excel Microsoft excel.	Skill up
10/2022	C# Covered Basics, Advanced, OOP, Structs, Enums, Exceptions, Files and Generics. Theoretically and practically tested.	Solo learn

04/2022	Python Data Structures Covered Lists, Dictionary's, sets, Tuples.	Solo learn
04/2022	Python Core Covered basic and complex concepts of Python from variables to OOP and recursion the concepts where continuously re-enforced and tested.	Solo learn
10/2021	Responsive web design +-300 hours of learning as well as 5 projects [Verify]. HTML / CSS / Codepen	Free code camp
10/2021	Google Analytics(expires October 2024) Dashboards and web analytics.	Google skills

SOCIAL-PROJECTS

02/2023	Grit-Lab Africa mentor I Was a mentor for young people all over Africa and helped them on there start of there entry into programming .	grit-Lab
08-10/2023	JBS-Bootcamp Tutor I Was a mentor for young people all over UJ and helped them on there start of there entry into programming .	JBS Inovation lab

PRESENTATIONS

10/2022	Teaching innovation expo This event was hosted by the JBS Innovation lab, JBS Center of entrepreneurship and Centre for Academic staff development Where i demoed a Electro-chemical VR experience along side other demoed tech to Lectures and academics in general.	Johannesburg business school
06/2022	Kingsman Academic Tech Exhibition This event was hosted by the Johannesburg business school. I along side Professor Abejide Ade-lbijola along side many other kingsman Demoed various projects to prospective partners of JBS.	Johannesburg business school
08/2019	Eskom 2019 science expo My Friend and I made it through the school selection round and had our project at the Stellenbosch regional competition in the computer science category titled "How safe is your password".	HHH/Eskom Expo for Young Scientists

AWARDS

05/2023	Most innovative coder at Hackthon 40 hour hackthon for government solutions i was awarded most innovate for being able to solve any issues that came my way.	SACNASP/JBS
02/2023	Kingsman magazine Me alongside other innovative Africans an appearance in the kingsman magazine featuring the tech we have helped create.	Kingsman
01/2023	Understanding AI in 4IR Completed AI in 4IR program	UJ
12/2022	Personal development program Completed personal development program	UJ
11/2022	Public administration hackathon Me and my team of 7 other came first place in the public administration hackathon by EPF, where we came up with a real time communication website of people of the community and the municipality.	Empire Partner Foundation
09/2022	Top Programming Talent Development software.	University of Johannesburg

10/2021	Information technology Received an award for performance in Information technology as well as only matric to achieve a distinction.	HHH
10/2021	Walter lorry trust fund bursary award Received R350 reward for performance in accounting.	HHH
09/2021	Programming Olympiad Received a bronze certificate.	IITPSA
01/2021	Prefect Was a prefect in matric	HHH

REFRANCES

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JBS