

Harrison James

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Lagos, Nigeria.

PROFESSIONAL SUMMARY

I'm a passionate software engineer who loves making things work efficiently and perfecting the craft of creating software. I'm dedicated to always learning and getting better at what I do, whether it's through studying or diving into practical experiences. I enjoy finding creative ways to use technology.

I've worked a lot with Python and have a solid understanding of front-end languages like JavaScript and React. I'm good at reading and using technical documentation and adapting to new technologies. I've spent a lot of time building mobile apps, which has improved my ability to solve problems and pay close attention to details. My approach involves combining cool new tech with a good sense of design, aiming for that sweet spot where creativity meets precision.

Besides my tech skills, I'm great at working in teams, whether in person or remotely, and I manage my time well. I'm also good at connecting different systems and using existing tools to make my work even better. I'm open to different job arrangements—whether it's contract, full-time, or part-time—because I'm excited to contribute my expertise and keep growing in the always-changing world of software development.

TECHNOLOGIES

Front End	CSS3, Bootstrap, HTML5, JavaScript, React.js, Git
Back End	Python, Django, Flask, JavaScript, Node.js, Git
Data Manipulation	Pandas
Data Stores	SQL, PostgreSQL, MongoDB
Operating Systems	Ubuntu, Windows 10
Computing & Virtualization	Heroku, Docker
Design Tools	Figma

SELF-DEVELOPMENT & PROJECTS

- Integrated the Python CSV library to process CSV files within a command-line application developed using Python, SQLAlchemy, and Poetry. This application allows users to create files and organize them by a folder ID, employing SQLAlchemy ORM for seamless object-to-SQL Server database mapping. This project effectively showcased skills in Python, SQLAlchemy, Poetry, responsive design, problem-solving, and version control with Git.

- Built a book inventory web application that demonstrated proficiency in both frontend and backend development. The application, using Python with Flask, PostgreSQL, React.js, JavaScript, Swagger UI, Bootstrap, and Git, allowed users to create categories and add books by category name. The project emphasized responsive design, problem-solving, HTML, CSS, cross-browser compatibility, and effective communication. Docker was employed for efficient deployment, and the application was hosted on Heroku.
- Developed a task management web app, focusing on updating and deleting tasks to streamline task management and enhance productivity for both individuals and teams. This project showcased skills in HTML5, CSS3, Python, Flask, MongoDB, responsive design, and problem-solving. The application was deployed using Heroku.
- Currently collaborating with a team of two to develop a blogging web application. This ongoing project involves leveraging Python, React, Django, Poetry, PostgreSQL, Git, HTML, CSS, JavaScript, responsive design, problem-solving, cross-browser compatibility, and Agile development methodologies. Effective communication and collaboration are essential components of this Agile team effort.

Technologies: Python, React, Flask, SQLAlchemy, Poetry, Swagger UI, PostgreSQL, Heroku, Django, SQL, Mongo

EXPERIENCE

Data Analyst Intern | Heritage Energy Operational Service Ltd | Lagos, Nigeria

JULY 2021 - JAN 2022

Heritage Energy Operational Services Limited (HEOSL) is the Operator of OML-30 on behalf of the Nigeria Petroleum Development Company (a subsidiary of Nigerian National Petroleum Corporation) and Shoreline Natural Resources Limited Joint Venture. HEOSL activities cover the spectrum of the upstream oil and gas business. Its operations are concentrated mainly in the Niger Delta.

- Assisted the senior data analyst in conducting comprehensive analysis of oil and water samples obtained from the field.
- I worked with senior engineers and delivered tasks in time which helped in honing my skill.
- Provide guidance on utilizing Microsoft Excel to input and organize periodic data collected from the field.
- Regularly communicated progress and updates within an Agile development environment.

EDUCATION

B.Sc | Delta State University, Abraka | Delta, Nigeria (Biochemistry)

Dec 2018 – March 2023

- *CGPA 4.00*

PUBLICATIONS & AWARDS

linkedin.com / My Journey as an Aspiring Software Engineer: Learning, Challenges, and Growth

Aug 31, 2023

- [Publication](#)

medium.com / My Journey with "Assemble": Unveiling the power of organization and learning

Aug 26, 2023

- [Publication](#)

- [Publication](#)

PROFILES

LinkedIn: <https://www.linkedin.com/in/harrison-james-bb0839148/>

Github: <https://github.com/Craigryy>

Twitter: <https://twitter.com/kingCraigry>