

## VICTOR KIPKURUI

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## PROFILE SUMMARY

I am a software developer with a strong foundation in Python and JavaScript, gained through bootcamps and online coursework. Over the last two years, I've successfully built and deployed websites, inventory management systems, responsive data dashboards and extensive web scraping work to gather and process online data. My skills in both front-end and back-end development enable me to create dynamic, data-driven applications that meet modern business needs and provide intuitive user experiences.

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## WORK EXPERIENCE

### Commonwealth Bank

*Introduction to Data Science Job Simulation on Forage*

**May 2024**

- Completed a job simulation involving Data Management skills for Commonwealth Bank's Data Science team.
- Demonstrated proficiency in creating data engineering pipelines to aggregate and extract valuable insights from datasets, optimizing data-driven decision-making.
- Acquired skills in anonymizing personal data within datasets, ensuring compliance with data privacy regulations.
- Proposed effective data analysis approaches related to social media and demonstrated the ability to design well-structured databases for efficient information management.

### Accenture North America

*Data Analytics and Visualization Job Simulation on Forage*

**May 2024**

- Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture.
- Cleaned, modeled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions.
- Prepared a PowerPoint deck and video presentation to communicate key insights to the client and internal stakeholders.

## Freelance Data Analyst March 2024 - Present

- Collected data from various sources such as databases, spreadsheets, and APIs.
- Cleaned data to remove errors and irrelevant information.
- Analyzed data using statistical techniques and data analysis tools to identify trends and patterns.
- Created visualizations such as charts, graphs, and dashboards to present findings.
- Generated reports and summaries of analysis findings.
- Built predictive models to forecast future trends based on historical data.
- Interpreted the results of the analysis to provide actionable recommendations.

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## EDUCATION BACKGROUND

### Bachelor of Commerce

*Dedan Kimathi University of Technology, Nyeri*

**2022**

### Kenya Certificate of Secondary Education

*Anestar Victory Boys High School, Nakuru*

**2017**

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## LANGUAGES

- **English:** Proficient
- **Kiswahili:** Native

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## ACHIEVEMENTS

- Built responsive, secure websites.
- Customer Satisfaction Excellence.
- Data Protection, Risk and Fraud Management.

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## SKILLS

### *Technical Skills*

- **Programming Languages:** Typescript, JavaScript, Python. Experienced with using Frameworks such as Next.js, ExpressJs and Django.
- **Data Analysis:** Data cleaning, statistical analysis and visualization using Python libraries (Pandas, NumPy, Matplotlib) and Power Bi
- **Web Development:** Building, managing and deploying responsive web applications
- **Web Scraping:** Proficient in extracting data from online sources using Python libraries BeautifulSoup and Selenium
- **Database Management:** PostgreSQL and MongoDB

### *Soft Skills*

- **Good Communicator:** Ability to clearly present information and listen to the audience.
- **Collaborative Leadership:** Ability to inspire, guide and influence others towards achieving a common goal.
- **Continuous Improvement:** Actively identifies opportunities for process optimization and implements continuous improvement initiatives.
- **Strategic Planning:** Experienced in aligning financial strategies with overall business objectives to achieve sustainable growth.
- **Critical Thinking:** Able to analyze information objectively and form reasoned judgments.

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## CERTIFICATIONS

- Full Stack Open University of Helsinki
- Cisco Data Science Certificate
- Artificial Intelligence Career Essentials
- Google Foundations of Cybersecurity
- IYF Programming