

# BERYL ODIPOH

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## TECHNICAL SKILLS

### Software Development

**Languages:** JavaScript (ES6), HTML/CSS, Ruby, Rails, SQL(PostgreSQL)

**Frameworks:** React.js, Node.js (Express)

**Developer Tools:** Git, AWS

**Libraries & Technologies:** React-testing-lib, REST API's, Material-UI, NoSQL (MongoDB)

### Research and Development

- Quantitative Data Analysis (STATA, SPSS)
- Qualitative data Analysis using Atlas ti.
- Data visualization using Tableau and Power BI
- Respondent Recruitment & Mobilization
- Report Writing & Project Documentation
- Programming and Usage of Computer Assisted Interviewing software such as Kobo, ODK and Survey CTO.

## PROJECTS

**Quiz App** | React.js, JavaScript, REST API, Material-UI

demo: <https://bit.ly/3DJGty0>

- Developed a web application using JavaScript and React.js.
- React used for client-side state management
- REST API handled using JSON server
- Deployed to Netlify

**SolarNova Web page** | JavaScript(ES6), HTML,CSS

demo:<https://bit.ly/3frBUil>

- Developed an Organization web page,it aims to provide cheap and affordable renewable energy in Africa,amplified with JavaScript for the front end.
- Integrated client-side resources using HTML and CSS

**Fashion hub web page** | JavaScript(ES6), HTML,CSS

demo: <https://bit.ly/3U8TqXt>

- Developed a single web page using JavaScript,HTML and CSS

## EXPERIENCE (Research and Development)

Sept 2021 to Feb 2022	<b>Project Coordinator (Blue Tap,UK)</b> <ul style="list-style-type: none"><li>• Ensured the chlorine dozers were operational and served more that 1000 households who had access to filtered and chlorinated water in Kitui County in Kenya</li><li>• Research user trends to implement market strategies for the new water chlorine dozer technology, gathering qualitative and Secondary data from key players in the market and analyzing them to make an informed decision.</li><li>• Develop training materials and operational workflows, Design and monitor implementation plans and budgets and plan travel arrangements for the team.</li><li>• Built rapport and working relationships with 90% of water treatment plants, ensured a smooth rolling schedule and efficient delivery with suppliers, and other stakeholders.</li><li>• Ensuring research licenses were obtained by the Kenya Research Ethics board and also ensuring compliance with policies.</li></ul>
October 2020 to November 2021	<b>Research Analyst (Africa Research Institute Network)</b>

	<ul style="list-style-type: none"> <li>• Perform qualitative and quantitative research and consultations and analyze the data using STATA and Atlas ti.</li> <li>• AS a result of the data analysed, 75% of people living around disaster prone areas like floods were evacuated by the government and taken to safe places. The government also constructed a dams along the flood prone areas.</li> <li>• Manipulate large, complex data into manageable and understandable reports Using statistical, economic, and data modeling tools and techniques</li> </ul>
<i>February 2019 to March 2020</i>	<b>Research Assistant/Data Analyst (KEMRI (Center for Public Health Research))</b>
	<ul style="list-style-type: none"> <li>• Participate in fields activities, collecting qualitative data (FGDs and IDIs), Assisting in developing research tools, and program the questionnaires on android assisted platform (SurveyCTO)</li> <li>• Perform Quantitative and Qualitative Data Analysis by using STATA and Atlas. Ti and Data visualization using Tableau.</li> <li>• Abstracts, Report, and Manuscript writing, and Support in preparation and coordination of conferences such as KASH</li> </ul>
<i>Aug 2015 to July 2018</i>	<b>Research Assistant (Busara Center For Behavioral Economics)</b>
	<ul style="list-style-type: none"> <li>• Support both the advisory and research arms by serving as the primary data collection team, collecting qualitative, quantitative, and administrative data.</li> <li>• Collect data to the highest degree in accordance with the data collection protocols and using predesigned questionnaires in hard copies and Android applications using smartphones</li> <li>• Coordinating the fieldwork research processes in both Urban, Peri-Urban, and Rural settings and ensuring Quality control to ensure that all projects meet organization quality regulations and run cost-effectively</li> <li>• Conducting in-depth interviews and Focus group discussion moderation, note-taking,, and transcription while Maintaining the confidentiality and dignity of all project participants.</li> </ul>

## EDUCATION

### Moringa School

Nairobi, Kenya

Certificate course in Software Development

Relevant Coursework: Front end and Back end programming

Notable Projects:

- Created liker app that submits a request to a mocked-up server and updates the DOM based on the mock server's response.

### Tech4Dev Boot camp Trainings

Remote learning, Nigeria

Certificate of participation in Software Development

Relevant Coursework: Front end programming using JavaScript, HTML and CSS

Notable Project:

- Built a web page that aims at increased harnessing of solar energy to be used to generate electricity in the rural and urban part of African countries.

### Kenyatta University

Nairobi, Kenya

Bachelor of Economics and Finance