

**Josemaria Nabangi**

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[Github](#) | [LinkedIn](#)

## Education

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### STRATHMORE UNIVERSITY

BSc. Informatics and Computer Science

November 2019

- Relevant coursework: Operating Systems, Databases, Data Structures and Algorithms, Computer Architecture, Software Analysis, Web Development

## Professional Experience

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### Upland Software (Austin, Texas - USA)

Software Engineer

January 2022 - Present

- **Ported an existing analytics solution to utilize newer technologies, added features as well as required improvements.**
  - Implemented a solution that used newer technologies, added new features and improvements.
  - Tested the new solution and ensured that it met all requirements.
- **Solved multiple high priority tickets as part of the daily work.**
  - Prioritized and resolved high priority tickets in a timely manner.
  - Communicated with stakeholders to keep them updated on ticket status.
  - Successfully resolved all tickets within SLA.
- **Researched and suggested improvements to the processes being employed in the team to improve the overall product.**
  - Conducted research on new technologies and processes.
  - Suggested improvements to the team's processes.
- **Converted wireframes and designs into working features as expected by the design and product teams.**
  - Collaborated with design and product teams to understand their requirements.
  - Translated wireframes and designs into working features.
- **Utilized PHP, Laravel, Javascript and VueJs as part of the daily tools.**
  - Had a strong understanding of PHP, Laravel, Javascript, and VueJs.
  - Used these technologies to develop and deploy solutions.

### Sinapis Technologies Limited (Israel)

PHP Consultant

December 2021 - January 2022

- **Collaborated with a small team of 5 to develop a client solution that was to be used in new recruitment of employees.**
  - Gathered requirements from the client and designed a solution that met their needs.
  - Was able to quickly learn new technologies and adapt to new environments.
  - Developed the solution using PHP, Laravel, jQuery, React, and Docker.
  - Implemented tests and performance optimizations.

### Revolution Analytics Limited (Kenya)

Technical Lead, Full Stack Developer

December 2019 - September 2021

- **Worked closely with clients to analyze business requirements and turn them into excellent solutions.**
  - Gathered requirements from clients and translated them into technical specifications.
  - Designed and developed solutions that met the client's needs and requirements.
  - Tested and deployed solutions to production.

- **Worked as part of a small team of 4-5 to develop client solutions.**
  - Collaborated with team members to design, develop, and test solutions.
  - Communicated with team members and clients to keep everyone updated on project progress.
  - Resolved any issues that arose during the project.
- **Attended daily standups with management to ensure proper standards and progress on projects.**
  - Reported on project progress and any issues that arose.
  - Identified and resolved any risks to the project.
  - Ensured that the project was on track to meet all requirements.
- **Mentored co-engineers and junior interns in various areas.**
  - Provided guidance and support to co-engineers and junior interns.
  - Shared knowledge and expertise.
  - Helped co-engineers and junior interns to develop their skills.
- **Implemented DevOps (Continuous Deployment process) to GCP from Github (using Cloud Build, App Engine, Cloud SQL, Cloud Storage).**
  - Set up a continuous deployment pipeline that automatically deploys code changes to production.
  - Used Cloud Build, App Engine, Cloud SQL, and Cloud Storage to build, deploy, and store applications.
  - Implemented a continuous integration (CI) pipeline that automatically runs unit tests on code changes before they are deployed.

### **Revolution Analytics Limited (Kenya)**

Software Developer

June - December 2019

- **Migrated a client to a new data warehouse developed in-house.**
  - Gathered requirements from the client and designed a new data warehouse that met their needs.
  - Designed, implemented and tested a new user interface that was more intuitive and user-friendly.
  - Migrated the client's data to the new data warehouse.
- **Attended daily meetings to present findings and project progress.**
  - Presented findings from analysis and testing to the project team.
  - Kept the project team updated on project progress.
  - Identified and resolved any issues that arose during the project.

### **Infomacks Limited (Kenya)**

Software Developer Intern

January - March 2019

- Worked on the development and implementation of various information systems, including a new visitor management system that involved a web backend, frontend and android application.
- Assisted with the development of training materials for new employees and participated in systems demonstrations to clients.
- Participated in in-house training on the use of various software development tools, including software IDEs, customer relation management and more.

## **Technical Expertise**

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**Software:** Go (*Echo, Fiber, Gorm*); PHP (*Laravel*); JavaScript/Typescript (*NodeJs, VueJs*); Databases;  
**Tools:** Git; Docker; Google Cloud Platform (*Cloud Run, Compute Engine, App Engine, CloudSQL, Cloud Build, Cloud Scheduler ...*);

## **Additional**

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- Participated in various workshops and Hackathons both in and out of school e.g. [UN Makerthon 2019](#)
- Sidoooh (Financial Services) - Co-Founder & CTO  
 - Financial services platform (Accessible through USSD code \*384\*99#)