

Contact

+254726075080 (Mobile)
thundoss@gmail.com

www.linkedin.com/in/gathondu
(LinkedIn)

Top Skills

Electron.js
Asynchronous work
CI/CD

Languages

English
swahili

Denis N Gathondu

Technical Leadership | Senior Software Engineer | FullStack (BE Heavy) | Python | Django | Ruby | RoR | React | Flutter | SQL | LLM
Nairobi County, Kenya

Summary

As a conscientious, dynamic, and innovative full-stack software engineer I create solutions that make a positive impact. I constantly challenge myself to learn and unlearn, uphold industry standards, and explore new concepts. I'm a proven leader who can streamline development processes to achieve organizational goals.

My core competencies include Python (Django/Flask/Pyramid), cloud services (AWS), Git/version control, databases (MySQL, PostgreSQL, MongoDB), caching, REST and RESTful API architecture, test-driven development (TDD), JavaScript (ReactJS, NodeJS, jQuery, ES6), Ruby (Rails), GraphQL, HTML5, CSS, and continuous integration/continuous deployment.

I am ambitious, curious, and strive for greatness. I am driven to grow myself and those around me through collaboration.

If you're looking for a dedicated and conscientious senior software engineer who can help drive your organization forward, let's connect!

Experience

Jipamba

Technical Lead / Senior Full Stack Engineer

June 2024 - Present (1 year 10 months)

Nairobi County, Kenya

- Lead daily standup meetings.
- Create technical documents and design documents for features.
- Design and implement critical features end to end.
- Task creation and estimations to ensure the team is on track with their deliverables.
- Conduct Peer Reviews.

Rainforest Alliance

Independent Contractor

June 2025 - January 2026 (8 months)

Nairobi County, Kenya

- Built FieldEntry app end-to-end allowing certificate holders to quickly get aggregates for farm surveys
- Built greenhouse gases desktop application using Electron, React, and FastAPI
- Integrated data from KoBo surveys into the cool farm project API for greenhouse gas calculations across multiple farms
- Advised on tooling for optimal user and developer experience, delivering app within 3 months from inception
- Ensured application design and security met industry standards through cross-team collaboration
- Successfully collaborated remotely with Netherlands-based teams, delivering and depolying two complete projects

Teknobyte Ltd

Lead Software Engineer

September 2022 - January 2024 (1 year 5 months)

Nairobi County, Kenya

- Engineered administrative web tools to allow for easier data capture and this reduced data corruption significantly. The time to digitize data was greatly improved.
- Built a mobile application to allow users to interact with precompiled data as a lexicon (dictionary).
- Incorporated LLM's in the data capture to assist with proof-checking data and getting related words.

Andela

Senior Software Engineer

February 2017 - November 2022 (5 years 10 months)

Nairobi, Kenya

- Spearheaded design and development of customized applications and tools using Agile methodology, delivering successful projects from concept through implementation.

- Restructured monolithic applications into independently managed microservices to improve on efficiency and flexibility of internal services.
- Collaborated with Andela partners to deliver customized technology solutions aligned with their business objectives and strategic vision.
- Designed and implemented an efficient algorithm using Django and Python scripting to streamline the Secret Santa matching process for employees, fostering a culture of teamwork.

Shelter Animals Count

Senior Software Engineer

May 2022 - October 2022 (6 months)

Atlanta, Georgia, United States

- Implemented impactful data visualizations using Recharts to identify patterns and trends in large datasets. This supported strategic decision-making and effective resource allocation across animal shelters.
- Implemented user-friendly React forms that streamlined animal intake, outcome, and service tracking. This made the data capture process easier leading to less corrupt data.

WeSpire

Software Engineer

July 2020 - March 2022 (1 year 9 months)

Boston, Massachusetts, United States

- Implemented a new recurring donation feature, end to end using React.js and RoR, on the giving platform by integrating with Stripe's API. This saw an increase in the adoption of the giving feature en masse.
- Collaborated with cross-functional teams and incorporated user feedback to improve UI, increase engagement, and enhance platform functionality.
- Triaged and resolved bugs, prioritizing them based on impact on customer experience.

Bombfell

Software Engineer

February 2019 - April 2020 (1 year 3 months)

Greater New York City Area

- Using React.js, I implemented an intuitive and user-friendly preview view that refined the Order Preview process. This allowed users to review and confirm their orders before shipping greatly reducing returned orders.
- Implemented a robust Shop feature that allowed subscribed users to purchase individual items separately from their stylist-curated orders.

- Collaborated with the stylist team to design and implement features for the Stylist Portal which streamlined the workflow, improved inventory management, and enhanced the overall client experience.
- Rapidly prototyped and tested new features to ensure they met user needs, resulting in significant improvements to the efficiency of the stylist team.

Asset-Map, LLC.

Associate Software Engineer

March 2018 - January 2019 (11 months)

Greater Philadelphia Area

- Implemented 3rd party API integration using Django. This led to a reduction of manual data entry from different data providers and valuable insights to clients in a single interactive page.

Infoedgy Solutions.

Software Developer

June 2014 - January 2017 (2 years 8 months)

Nairobi, Kenya

Developing Customized software solutions

RiverCross Technologies

11 months

Software Developer

September 2013 - May 2014 (9 months)

Development of customised software systems.

Intern

July 2013 - September 2013 (3 months)

Development of customised software systems.

Education

Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Bachelor of Science (BSc), Information Technology · (2010 - 2013)