

# Nathan Assefa Kasa

Addis Ababa | Ethiopia

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**in** <https://www.linkedin.com/in/nathan-assefa-9ba017253/>

Date

## Recipient Name

Recipient Designation

Company Name

Recipient Address

## RE: Application for Casual Retail Sales Assistant position

Dear Recipient Name,

As a highly motivated and dedicated student with strong interpersonal and communication skills, I would like to apply for the position of Casual Retail Sales Assistant.

As a student I have been extensively involved in my school community, which has allowed me to develop strong interpersonal skills. My involvement in various events, including drama and sports carnivals, has allowed me to work closely with my peers while supporting the school community as a whole.

These experiences have allowed me to develop strong time management and organisational skills, which I see as being very important when seeking to work in casual employment while continuing to study.

Personal attributes that I believe make me suitable for this position include:

- **Motivation:** Volunteer participation and school results demonstrate high motivation.
- **Communication:** Acting in drama performances and working as an MC for school events has allowed the development of communication skills.
- **Customer Service:** Assisting with the sale of products at community events has allowed the development of customer service skills.

My teachers and educators have eulogized me for my willingness to participate and my dedication to helping out where possible. I enjoy working with others and believe that my strong communication skills will ensure that I can meet the expectations of this role.

I am aware that you will receive a large number of applications for this job, but I would very much appreciate the opportunity to demonstrate my capabilities to you in person.

I believe that I have a lot to offer your organisation. I am keen to develop my professional skills and look forward to discussing my application with you at an interview. I have enclosed a copy of my resume for your consideration. I can be contacted at all times on the details provided above.

Thanking you in advance for your time,

**Your Name**



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## Objective

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Proven software engineer with a comprehensive 13-month program at Holberton School, dedicating 70 to 80 hours weekly. Led 5+ projects, specializing in Python development. Noteworthy achievements include creating a Flask-driven e-commerce store and a Django-React social media app mirroring 70% of Reddit's features. Skilled in front-end technologies, problem-solving, and code optimization. A collaborative team player and mentor with a commitment to continuous learning.

## Experience

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- Lyft** Oct 2023 - Nov 2023  
Lyft Back-End Engineering Job Simulation(Python)
  - completed the Back-End Engineering job simulation, inheriting a project with 30% of the codebase disorganized for the Lyft Rentals team.
  - Drafted a UML class diagram representing a new reorganized architecture in Python, incorporating 5 innovative features.
  - Refactored 80% of a complex and challenging Python codebase inherited from another team to align it with the new design
  - Implemented 50+ unit tests and added 5+ new functionality using test-driven development.

## Education

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- Holbeton school | 972 Mission St, San Francisco, USA** Sep 2022 - Nov 2023  
Software engineering  
Certified
- Wolaita sodo University | Ethiopia** Jan 2016 - Aug 2021  
BsC in Mechanical engineering  
CGPA 3.6



## Skills

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- Full-Stack Software Engineer
- Software architecture
- Refactoring
- Python, Django, Flask, React, jQuery, JS, C, Nodejs
- Redis, MySQL, MongoDB, PostgreSQL
- Git, GitHub
- TDD
- UML
- Unit Testing

## Projects

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- Designed a Robust Social Media Platform Inspired by Reddit:**
  - Drove the development of a Reddit-inspired social media platform, leveraging Django-React technologies, which was utilized by 100+ users with 15+ integrated features.
  - Cultivated over 10 active communities, ensuring an impressive uptime of 99.9% for exceptional platform reliability.
  - Seamlessly incorporated a search system, leading to a remarkable 15% increase in user satisfaction during post searches.
  - Strategically employed Django's authorization framework, reducing overall implementation time by over 60%.
  - Utilized React-Query for efficient backend data fetching, reducing frontend workload by 50%.

- Ensured a flexible design compatible with 5+ electronic devices, tailored for various screen sizes to enhance accessibility.
- **E-commerce Website**
  - Guided a multi-disciplinary team of 2 individuals in designing, developing, and deploying an online e-commerce store with 10+ features.
  - Established a structured system with 5+ categories to optimize product organization and user navigation.
  - Analyzed and categorized 200+ products from the MySQL database, rendering them systematically within their respective categories.
- **Airbnb Project from Scratch**
  - Led a diverse team of 3+ members, each contributing to different facets of the project.
  - Engineered and architected 7 distinct tables with a well-crafted and interrelated structure, showcasing proficiency in database design principles.
  - Analyzed over 10,000 data points using SQL language within the MySQL database, demonstrating advanced data querying and processing skills
  - Designed and executed over 100 unit tests, ensuring comprehensive test coverage and resilient code functionality.
  - Integrated filtering options for places based on location, city, and amenities, enhancing user search functionality across 3 key parameters.
- **Solar Water Heater**
  - Led a 3-person team in the development of a sustainable solution to replace the university's non-renewable energy with solar power.
  - Designed a potential reduction of 30% or more in energy waste through the successful implementation of the solar power project.
  - Received a score of 96 out of 100, resulting in an A+ for innovative design and effectively reducing wood consumption.

## Personal Details

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- Github : <https://github.com/nathan-assefa>