

# Ayshath Lubaba K A

## Python Full Stack Developer

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## SUMMARY

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Passionate Python Django and React full stack developer with expertise in Python, JavaScript, React, Django and PostgreSQL. Quick learner, dedicated to crafting innovative web solutions and committed to seamless user experiences. Eager to contribute to digital transformation projects with a focus on quality code and creative problem solving.

## SKILLS

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<b>Programming Languages</b>	: Python, JavaScript, C
<b>Back-End Development</b>	: Django, Django REST Framework, Django Channels
<b>Front-End Development</b>	: React, Redux, HTML, Tailwind CSS, Bootstrap
<b>Database</b>	: PostgreSQL, MongoDB
<b>Integrations</b>	: PayPal, Stripe, Google OAuth 2.0, Mapbox, Cloudinary
<b>Familiar with</b>	: Git, GitHub, AWS, Render, Vercel, Celery, Celery Beat, Nginx, Daphne, Certbot, Axios, Unicorn, Daphne, Postman, WebSocket King, Redis, Figma, Simple JWT, DSA

## MAIN PROJECTS

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### QatarFiesta - Event Booking Website

[Live Link](#) — [Source Code](#)

A comprehensive full-stack project centered around event listing and bookings in Qatar, serving three distinct roles: website admin, event organizers and visitors. Organizers could effortlessly create, update and manage events, while visitors could securely reserve spots.

- Integrated real-time chat and notifications using **Django Channels** for seamless communication.
- Utilized **Mapbox API** for interactive event location display.
- Employed **Google OAuth2** for visitor authentication.
- Utilized **Stripe** as a payment gateway for booking transactions.
- Utilized **Celery** and **Celery Beat** for efficient scheduling of automated event reminders and maintenance tasks.
- Deployed using **AWS Cloud Service**, **Nginx**, **Unicorn**, **Daphne** and **Certbot** for reliable, scalable and secure performance.
- Utilized **Cloudinary** storage for media file management.
- Implemented sending emails using **Django signals** for confirming user registration.

**Technologies Used:** Django, Django Channels, Celery, Celery Beat, AWS, Nginx, Daphne, Certbot, Mapbox API, Google OAuth2, Stripe, Cloudinary

Developed and launched a fully operational E-commerce platform, focusing on footwear retail, to deliver a frictionless online shopping experience using **Django**.

- Implemented a user-friendly interface using **HTML**, **CSS**, **Bootstrap** and **JavaScript**.
- Prioritized user convenience by implementing an intuitive shopping cart using **AJAX**, seamless checkout process and diverse payment methods including **PayPal**.
- Engineered a robust admin panel integrated with a comprehensive order management system, ensuring efficient control over products, orders and user accounts.
- Leveraged **AWS Cloud Service**, along with **Nginx**, **Gunicorn** and **Certbot** for deployment, resulting in a high performing, reliable and secure platform with the capacity for seamless scalability.

**Technologies Used:** HTML, CSS, JavaScript, Django, AWS, Nginx, Gunicorn, Certbot

## MINI PROJECTS

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Developed a user-friendly password generator web application using **React**. Users can easily customize password length and strength (weak, medium, strong) to generate secure passwords tailored to their needs. The application includes a simple interface and intuitive controls for seamless password generation.

Created a clone of the Netflix user interface using **React**. Implemented features such as browsing movies, dynamic content loading and responsive design to closely mimic the original platform.

Developed a clone of the OLX platform focusing on frontend development with **React**. Implemented features such as product listings, search functionality and responsive design to create a user-friendly buying and selling experience.

Built a user authentication system using **JSON Web Tokens (JWT)** and **Redux** for state management. Implemented features such as user registration, login/logout functionality and protected routes to ensure secure access to resources.

## EDUCATION

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