

Rukevwe Glory Eric

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GitHub: <https://www.github.com/Eric20Junior>

SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript, C, HTML, CSS
- **Technologies:** Django, NextJs, ReactJs, Tailwind CSS, MongoDB, Word press, Git/GitHub
- Agile Methodology, Restful API, OOP, Unit testing

PROFESSIONAL EXPERIENCE

ALX Africa - Software Engineer Trainee

Aug 2021 – Sep 2022

- Learned best practices and fundamentals of software engineering in areas of project architecture, backend, and how to effectively self-teach new technologies
- Designing technical requirements and determined the most effective solutions by creating wireframes, designing schema, and researching outside resources
- Designing pages and RESTful routes, made web requests to retrieve data, formatted and styled results, and worked with libraries
- Writing Unit test for applications using libraries such as Pytest and Unit test
- Working with APIs consuming 3rd party APIs, building APIs endpoints with the CRUD operations using the Django Rest Framework and making use of it on the frontend.

PROJECTS

DynaSolutions Digital Agency

<https://github.com/Eric20Junior/dynasolutions>

- **Led Full-Stack Development:** Designed and implemented responsive and dynamic web applications using modern frameworks and technologies.
- **Enhanced User Experience:** Improved user interfaces and experiences through intuitive design and efficient functionality, resulting in higher user engagement.
- **Data-Driven Decisions:** Utilized data analytics to optimize web performance and user interactions, providing actionable insights for continuous improvement.
- **Scalable Solutions:** Developed scalable and maintainable codebases that supported business growth and evolving requirements.

Study Peer

<https://github.com/Eric20Junior/studypeer>

- Designed and developed a study platform called Study peer that allows users to join rooms and study together in a collaborative environment.
- Implemented Create, Read, Update, Delete (CRUD) operations for rooms, topics using Django framework.
- Implemented Django's built-in authentication system and integrated login and registration options.

Screenshot Downloader

https://eric20junior.github.io/screenshot_app/

- Developed a screenshot application using **HTML, CSS, and JavaScript** that can take screenshots of a web page from a given URL.
- Implemented a 3rd party API to fetch the target URL and generate high-quality screenshots.

EXTRACURRICULAR ACTIVITIES

Lyft Back-End Engineering - Virtual Experience Program Participant

Sep 2022 - 4-5 hours

Participated in the open access **Lyft** Virtual Experience Program with Forage

Tasks Completed include:

- Software Architecture
- Refactoring
- Unit Testing
- Test-Driven Development

EDUCATION

ALX Holberton Software Engineering Programme

Software Engineering

- Coursework: Fundamentals, Back-End Specialization

Institute for Industrial Technology

Electrotechnics

- Coursework: Electrical/Electronics, Automation, Mechanical

CERTIFICATE & LICENSE

Back-End Engineering Virtual Experience - Lyft

Certificate of Completion

Electrotechnics - IIT

Certificate of Completion

Responsive Web Design - FreeCodeCamp

Certificate of Completion