
CHUKWUEMEKA EZEKWEM

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PROJECTS

ChukaFlix | Javascript, Rails, PostgreSQL, React

[LIVE](#) | [GITHUB](#)

A video-streaming service inspired by Netflix. API by rails, front-end by React and Javascript.

- Authenticated using password digests encrypted using BCrypt.
- Personalized using profile model used in netflix. Up-to 5 profiles per account.
- Front-end dynamically created by serving JSON views to React components.
- Minimal-use of AJAX querying by pre-loading information for every page.

ChukaJump | Javascript, Canvas

[LIVE](#) | [GITHUB](#)

An addictive Javascript side-scroller game.

- Written in Javascript, drawn on-to the browser using HTML5 Canvas.
- Collision detection achieved using a distance algorithm based on character and obstacle x and y position.

E-DOM | Javascript

[LIVE](#) | [GITHUB](#)

lightweight Javascript library based on JQuery.

- Allows for the transversal, appending and deletion of HTML elements based on DOM

DetentionFun | Java, libgdx, Android

[DOWNLOAD](#)

An addictive single screen java game app for android.

- Uses libgdx library for rectangle collision as well as libgdx timer to trigger events.

BrodyJump | Java, libgdx, Android

[DOWNLOAD](#)

An addictive side-scroller java game app for android. Inspired by flappy bird

- Uses float vector physics in order to mimic the movement of flappy bird.

Ninvade | Java, libgdx, Android

[DOWNLOAD](#)

An addictive single screen java game app for android.

- Uses libgdx library for rectangle collision as well as libgdx timer to trigger events.
 - Features power-ups based on timer and points
 - local highscore provided by libgdx library, and In-app purchasing provided by libgdx interfacing as well as Android google play libraries.
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SKILLS

React | Redux | JavaScript | jQuery | Rails | Ruby | SQL | HTML | CSS | Heroku | Java | Git | AWS

WORK HISTORY

GENISYSTEMS / HPTP DESIGN LLC

Software Engineer | Bronx, NY, NY | August 2017 - Current

- Wrote maintainable and extensible code in a team environment.
 - Modified existing software to correct errors, upgrade interfaces and improve performance.
 - Worked closely with other team members to plan, design and develop robust solutions in a timely manner.
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EDUCATION

BACHELOR OF SCIENCE Biochemistry

Binghamton University

Vestal, NY | 2016