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# CHUKWUEMEKA EZEKWEM

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- [cezekwe1.github.io](https://cezekwe1.github.io)
  - [github.com/Cezekwe1](https://github.com/Cezekwe1)
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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

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## WORK HISTORY

MAPFIT

*Software Engineer | New York, NY | November 2017 - October 2018*

- Worked on Frontend Javascript libraries
- Built Demo Tools to showcase high accuracy map data to current and potential clients
- Worked alongside other developers to build the best product
- Built new features for Frontend Javascript Library
- Tested code and QAed new features

GENISYSTEMS / HPTP DESIGN LLC

*Software Engineer | Bronx, NY | August 2017 - December 2017*

- Collaborated with product management to design, build and test systems.
- Developed code fixes and enhancements for inclusion in future code releases and patches.
- Oversaw major new enhancements to existing software systems.

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## ***EDUCATION***

BACHELOR OF SCIENCE Biochemistry  
Binghamton University  
*Vestal, NY | 2016*