CHIEBUKA NWACHUKWU

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SOFTWARE DEVELOPER

- As a software developer with a background in scientific research, I am well-versed in problem-solving. While the scientific method helps me discover empirical truths and patterns, programming gives wings to my creative mind. Together, these skills help me communicate and implement clear and concise technical solutions.

EXPERIENCE

GENERAL ASSEMBLY, SOFTWARE ENGINEERING IMMERSIVE, *Student*, Washington, DC   Sept. 2019 - Dec. 2019
- Collaborated with a team of over 25 software engineers and UI/UX designers on the design, implementation, testing, and documentation of client projects in an agile environment.
- Designed and developed functional and aesthetically pleasing user-interface using technologies such as HTML, CSS, Javascript, and React.JS.
- Developed back-end language and framework proficiency with Python, Node.js, Express.js, and Django.
- Utilized multiple database technologies including relational and non-relational databases.
- Utilized a hands-on approach to develop real-world applications while maintaining two GitHub (GitHub & GH Enterprise) profiles with a combined commit history of 400+ contributions.

FiscalNote, *Front Desk Assistant*, Washington, DC   Nov. 2018 - Aug. 2019
- Enhanced the company's integrity and security by designing and implementing the use of an identification badge system.
- Provided excellent customer service by creating a client-facing area conducive enough for employees to perform at their optimum best and relaxing enough for the client's comfort.
- Managed the first line of communication between the company and prospective clients while maintaining a sense of urgency and excellent organizational skills.

University of Maryland Eastern Shore, *Undergraduate Research Assistant*, Princess Anne   Jan. 2015 - July 2017
- Mentored middle school students from three Maryland counties by training them on the collection of water quality data and microscopic identification of planktonic species.
- Collaborated with a multi-disciplinary research team focusing on the effects of citrus fruits as oviposition attractants or repellents against Anopheles *gambiae* mosquitoes.
- Documented and presented research findings at science symposiums and assisted with outreach activities in low- to mid-income communities.

PROJECTS

Cotripper (Client Project) | github.com/CotripperPlatform/CoTrip
- Built an open-source full-stack application to facilitate an organized group travel experience for single mothers. My contributions included developing Banner and Modal component libraries and collaborating with a team of five engineers to build out the 'Book a trip' page. Over 25 engineers collaborated on this project using agile (kanban) methodologies, morning and afternoon standing-ups, and GitHub workflow.
- **Technologies:** CSS, Django, Enzyme, Jest, Node.JS, PostgreSQL, Python, React.JS, Storybook

theNotesCli | github.com/cenwachukwu/pythonCLIProject
- Developed a command-line application that has the ability to create, update and delete notes based on the user's request.
- **Technologies:** Peewee ORM, PostgreSQL, Psycopg2, Python

Medicx | medicx.netlify.com/
- Developed a full-stack application that connects people with medical practitioners across the United States. It allows users to search for medical practitioners using their last name, insurance user id, and specialties. The application also allows medical practitioners to create, edit, and delete their profiles.
- **Technologies:** Express.JS, Heroku, MongoDB, Mongoose ORM, Node.JS, React.JS, Reach Routers, CSS

A Component Library | github.com/cenwachukwu/A-Component-Library
- Developed a library of different styles of buttons, forms, inputs, and image cards which saves users the time of building basic components from scratch.
- **Technologies:** Adobe XD, CSS, NPM, React, Storybook

ChickFlix | chick-flix.netlify.com
- Created a learning application that features flashcard decks and a scoring quiz game.
- Technologies: HTML, CSS, JavaSript

SKILLS

FRONT END DEVELOPMENT: Bootstrap, CSS, HTML, JavaScript, React.JS, Responsive Design
BACK END DEVELOPMENT: Django, Express.JS, MongoDB/Mongoose ORM, Node.JS, Peewee ORM, PostgreSQL, Python, Restful API, MVC frameworks, Data Modeling
ADDITIONAL: Adobe XD, Agile, Debugging, Deployment, GitHub, Git version control, Heroku, NPM, Object-oriented Programming, Postman, System Development Life Cycle, Technical Writing /Documentation, VS Code

EDUCATION

GENERAL ASSEMBLY, SOFTWARE ENGINEERING IMMERSIVE, WASHINGTON, DC   Sept. 2019 - Dec. 2019
Software Engineering immersive

UNIVERSITY OF MARYLAND EASTERN SHORE, PRINCESS ANNE, MD   Jan. 2014 - May 2017
Bsc Biology

AWARDS

Best undergraduate research poster presentation, *8th Annual Regional Research Symposium, Princess Anne, MD*   Apr. 2017
- **Presentation:** The effects of citrus fruits as oviposition attractants or repellents against Anopheles *gambiae* mosquitoes.