

William Lytton

New York, New York

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Objective

Experienced fullstack engineer actively seeking to develop innovative, scalable, and responsive applications. Passionate about driving end-to-end software development life-cycles to deliver seamless user experiences.

Work Experience

Freelance

New York, NY

Fullstack Software Developer

October 2022 - Ongoing

- Collaborated with clients to transform Figma and PSD designs into responsive e-commerce web pages to reach clients users/subscribers.
- Employed Shopify API solutions to process client/customer transactions and grow clients customer base rapidly.
- Utilized NextJS to develop modular components to update changes to clients business model alongside Flask to enable seamless communication between front-end and back-end systems.

Mediacom Communications

Columbus, GA

Network Technician

July 2021 - August 2022

- Contributed to maintaining customer downstream and upstream signal flow quality and keeping up to date system readings for maximum data thru-put.
- Provided on boarding to new hires by showcasing company practices, procedures, and systems to facilitate a smooth transition into their roles.

Projects

Band Website

New York, NY

Personal Project

2023

- Built micro-services using Flask for fetching archived images, and songs lyrics from a document MongoDB database.
- Utilized Django framework migration tools to allow for modifications to data models in the database schema.
- Created model view controllers to implement business logic and send the appropriate data to the provided templates.
- **Languages:** Python, Flask, Django

GREP Clone

New York, NY

Personal Projects

2023

- Created a powerful command-line interface (CLI) tool, utilizing Rust, for pattern matching and text file search.
- Supported pattern matching against a specified text file or accepted standard input if no file was provided.
- Implemented robust error handling exit status reporting for different argument options.
- **Languages:** Rust

Education

Columbus State University

Columbus, GA

Bachelors in Fine Arts

August 2016 - May 2020

- Graduated with Distinction
- Coordinated a graduating class art-gallery event during the height of the global pandemic.
- Actively participated in Black Alumni Counsel, an affinity group for black graduates dedicated to building a supportive campus community.

Skills

Programming Languages

HTML/CSS, JavaScript, TypeScript, Python, Java, Rust, C/C++

Frameworks/Libraries

Next.js, React.js, TailwindCSS, libGDX, Node.js, Express.js, Angular, Flask, Django

Developer Tools

Git, RESTful APIs, Node Package Manager, Maven, Crates.io

Database Tools

MongoDB, MySQL, PostGres