

ELEAH BURMAN, Python Developer

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🌐 <http://www.eleahburmanportfolio.fly.dev/>

SUMMARY

An innovative Python developer, adept at crafting inventive solutions to complex problems while excelling in communication and collaboration.

Tech stack includes: Python, Node.js, Express, JavaScript, React, HTML5, CSS3, and Java.

EXPERIENCE

Software Engineer/Office Manager

Tokio Marine HCC
New York, NY

June 2023 - December 2023

- Automated manual reporting by utilizing **Python**, Java, Camelot, and Pandas to seamlessly generate CSV files from PDFs, streamlining Risk Management for the insurance team.
- Successfully debugged **Python** code in a small team, while testing and maintaining current code, in collaboration with the Risk Manager, focusing on long-term solutions.
- Collaborated closely with cross-functional teams to grasp business requirements and translated them into technical specifications.
- Problem-solved with an automated solution to process and analyze PDFs, reducing manual labor by 50% and thus increasing accuracy of data from 32.3% to 98.7%.
- Used a version control system, e.g., Github.

Lead Software Engineer

Girls in Tech NYC Hackathon
2nd Place Winner
New York, NY

October 2023 - October 2023

- Portrayed leadership by guiding the full-stack development of a **Python** and Django based application, EcoNeighbor, which uses community-driven solutions to local environmental issues.
- Leveraged Python and Django to craft a user-friendly front-end interface, enabling users to pinpoint environmental issues on an interactive map that leverages an API and seamlessly engages with eco-action initiatives.
- Collaborated with UX designers and cross-functional teams to develop scalable and robust solutions with reusable components.
- Focusing on web-standards, semantics, usability, accessibility, and optimization, with special consideration given to code architecture, modularity, and reusability.

Executive Assistant

Citadel
New York, NY

October 2022 - March 2023

- Proactively anticipated demands and meeting arrangements of senior software engineer executive calendars in a fast-paced environment.
- Developed travel itineraries and logistics utilizing the Concur system.
- Acted as liaison in collaboration with the Executive, their Senior Directs, and business colleagues.
- Managed facilities/space planning, team outings and events, and the onboarding of new employees.
- Utilized Microsoft Suite tools, including PowerPoint, Word, Excel, and Outlook, for Citadel X team initiatives and strategic meetings with the CEO and CTO.

PROJECTS

Drag Queen Collector

General Assembly • <https://dragqueencollector.fly.dev/> • June 2023 - June 2023

- Developed frontend and backend with **Python**, Django, PostgreSQL, and AWS.
- Unleash your passion for drag queens, curate their captivating outfits, and capture their electrifying performances for the ultimate queen collection.

Budget Buddy

Self-Initiated Project • <https://budget-buddy-8ffdb6a186ee.herokuapp.com/> • November 2023 - January 24

- Spearheaded the development of the frontend using React and implemented the backend with Node.js, Express, and MongoDB
- Designed a user-friendly platform enabling users to create personalized budgets in their preferred currency and effortlessly add expenses to align with financial objectives
- Implemented robust security measures by utilizing cookies and refresh tokens for authorization
- Established seamless integration with an API through the backend to ensure accurate currency conversion across various schemas

Bite Buddy

General Assembly • <https://bitebuddyapp.netlify.app/> • May 2023 – May 2023

- Crafted frontend with React and backend with Node.js, and MongoDB, and utilizes an API.
- Ignite your culinary creativity with our React-based group project, leveraging an API to curate customized recipe boards.

Caffeinate-Me

General Assembly • <https://caffeinate-me.fly.dev/> • April 2023 – April 2023

- Engineered with Mongoose, Express, Node and utilizes CRUD.
- Indulge your coffee cravings with this open-source MEAN stack application, infused with Google OAuth, enabling you to effortlessly add and review cafes, edit your reviews, and connect with fellow coffee enthusiasts.
- A user can personalize their profile with GIFs and a unique color scheme.

Cat Vs Cat Lady

General Assembly • <https://catvscatlady.surge.sh/> • March 2023 – March 2023

- Constructed using HTML, CSS, Canvas and Javascript.
- Play against a human or ai in a game designed for frustrated cat owners who also happen to love tic-tac-toe.
- Developed a unique feature by creating a canvas script where a cat emoji descends from the top of the screen upon a win.

EDUCATION

Bachelor of Fine Arts

New York University • New York, N.Y. • 3.8 GPA

CERTIFICATIONS

Software Engineer

General Assembly • 2023

- Full-stack engineering immersive student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

COURSES

Google's Crash Course on Python

Coursera • 2023

- Certification covers **Python** fundamentals and automation, including script writing, basic structures (strings, lists, dictionaries), and creating custom objects for advanced programming.

Duke University's Python and Pandas for Data Engineering

Coursera • 2023

- Certification covers utilizing Pandas libraries for data manipulation, employing Vim and Visual Studio Code for **Python** coding, and setting up provisioned Python project environments.

Fundamentals of Backend Engineering

Udemy • 2024

- Course covers understanding backend communication, design patterns, protocols, execution, and proxying

Backend Web Development with Node.js, Mongo and Express

Udemy • 2024

- Course covers learning to build fast, scalable, and secure RESTful services with Node, Express, and MongoDB
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SKILLS

Languages & Frameworks: Python, HTML, CSS, JavaScript, Node.js, React.js, Express.js, Sequelize, Vue.js, Flask.js, SQL

Databases & Platforms: MongoDB, PostgreSQL, AWS

Tools: Microsoft 365, Camelot, Pandas, GitHub, Visual Studio Code, Command Line, Mongoose, Insomnia, Postico, MongoDB