BRYGETEE AL-SHAWKANI

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PROFESSIONAL SUMMARY

Entry-level Backend Developer with a Computer Engineering background and experience building responsive, database-driven apps using Python and Flask. Skilled in RESTful APIs, SQL, and deployment on Heroku and Render. Proficient in Git, GitHub, Linux, and command line tools. Capable of building both backend systems and basic front ends for full project development. Strong problem-solver and communicator, motivated to deliver reliable solutions and grow through projects and self-learning.

EDUCATION

CUNY New York City College of Technology **Brooklyn, NY**
Bachelor of Technology, Computer Engineering *Spring 2022*

- Dean's List
- Secretary, Muslim Students Association (MSA)
- CUNY Service Corps Member
- **Relevant Coursework:** Embedded Systems, Logic and Problem-Solving, Introduction to Artificial Intelligence

Professional Development

- *100 Days of Code: Python Bootcamp* – Dr. Angela Yu on Udemy 02/2025
- *TestOut PC Pro Certification* – TestOut Corporation 03/2020

SKILLS

Languages & Libraries: Python, C++ (college coursework), JavaScript (fundamentals), Pandas, NumPy, Matplotlib, Seaborn
Web Development & APIs: Flask, WTForms, Jinja2, HTML5, CSS3, Bootstrap 5, Responsive Design, SQLAlchemy, SQLite, PostgreSQL, RESTful APIs, Postman, JSON
Tools & Platforms: Git, GitHub, Heroku (CLI), Render, VS Code, PyCharm, Chrome DevTools, .env configuration, VirtualBox, Kali Linux, Linux command line
Web Scraping & Scripting: BeautifulSoup, Selenium; basic shell scripting from coursework
Cloud & Containerization: Learning AWS, Azure, Docker, Kubernetes
Languages Spoken: English (native), Spanish (proficient), Arabic (basic)

RELEVANT PROJECTS

Personal Web Development Portfolio (*Python, Flask, Jinja2, HTML5, CSS3, Bootstrap 5, Heroku)*

- Developed and deployed a full-stack portfolio site showcasing technical projects and skills.
- Engineered modular Flask routes and dynamic Jinja2 templates with a secure SMTP contact form.
- Designed a clean, responsive UI using Bootstrap; deployed on Heroku at www.brygetee.com.

Yearly Savings Planner (*Python, Flask, Jinja2, HTML5, CSS3, Heroku)*

- Built a budgeting app to calculate income, expenses, and track yearly savings goals.
- Implemented real-time updates and mobile-first responsive design for seamless usability.
- Architected backend logic for accurate data handling; deployed on Heroku.

WORK EXPERIENCE

Private Tutor (Remote & In-Person) **Brooklyn, NY**
Freelance 03/2022 – Present

- Provided academic support and clear explanations of technical concepts to students.
- Delivered remote sessions using digital communication tools such as Zoom, Google Meet, and email.
- Diagnosed and resolved technical issues to minimize session interruptions.
- Maintained organized digital records and tracked student progress.
- Built strong client relationships, resulting in 10+ referrals.

Zara **New York, NY**
Sales Associate 04/2019 – 09/2021

- Provided academic support and clear explanations of technical concepts to students via remote sessions using Zoom, Google Meet, and email.
- Diagnosed and resolved technical issues to minimize session interruptions.
- Maintained organized digital records and tracked student progress.
- Built strong client relationships, resulting in 10+ referrals.