BRYGETEE AL-SHAWKANI

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PROFESSIONAL SUMMARY

Backend Web Developer with a Computer Engineering background specializing in scalable, efficient web applications using Python. Experienced in Flask, RESTful APIs, third-party API integration, and relational databases (SQLAlchemy). Skilled in deploying applications on Render and Heroku and proficient with Git/GitHub for version control. Dedicated to building maintainable, reliable backend systems that ensure smooth user experiences.

EDUCATION

CUNY New York City College of Technology | **Brooklyn, NY**
Bachelor of Technology, Computer Engineering | *Spring 2022*
Secretary, Muslim Students Association (MSA)
CUNY Service Corps Member

Relevant Coursework: *Logic and Problem-Solving, Introduction to Artificial Intelligence, Applied Analysis Lab (MATLAB, ODEs, Laplace & Fourier), Applied Software Technology, Fundamentals of Digital Systems*

SKILLS

Languages & Libraries: Python, C++, 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
Web Scraping: BeautifulSoup, Selenium
Languages Spoken: English (native), Spanish (proficient), Arabic (elementary)

RELEVANT PROJECTS

Personal Web Development Portfolio
Python, Flask, Jinja2, HTML5, CSS3, Bootstrap 5, Heroku
Developed a dynamic, responsive portfolio site to showcase full-stack web development skills. Implemented modular Flask routing and Jinja2 templating, with a secure contact form using SMTP. Styled with Bootstrap for a clean, user-friendly UI. Deployed at www.brygetee.com via Heroku.

Yearly Savings Planner
Python, Flask, Jinja2, HTML5, CSS3, Heroku
Built a budgeting app to track income, expenses, and yearly savings goals. Featured real-time updates and a mobile-first, responsive interface for seamless usability across devices. Emphasized backend logic and user-friendly functionality. 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
- Assisted 100+ customers daily, delivering prompt support and efficiently resolving product issues in a fast-paced environment.
- Resolved 20-30 customer concerns per shift with clear, empathetic communication and quick problem-solving.
- Contributed to a 15% sales increase by recommending products based on customer needs.
- Streamlined checkout operations, reducing average transaction time by 10%.
- Collaborated with a team of 10+ to improve restocking processes, cutting stock delays by 20%.
- Trained 5+ new hires, enhancing onboarding efficiency through clear, structured guidance.