

# 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.

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## EDUCATION

### CUNY New York City College of Technology

*Bachelor of Technology, Computer Engineering*

Secretary, Muslim Students Association (MSA)

CUNY Service Corps Member

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

Brooklyn, NY

Spring 2022

**TestOut PC Pro Certification:** Issued by TestOut Corporation

03/2020

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## 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)

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## 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](http://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.

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## WORK EXPERIENCE

### Private Tutor (Remote & In-Person)

Freelance

Brooklyn, NY

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

Sales Associate

New York, NY

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.