BRANNDON COELHO

Senior Python Developer
Python Backend Engineer
Full-Stack Python Developer

in https://branndon.dev/linkedin   ⬡ https://github.com/BranndonWork   🌐 https://branndon.dev/   ✉ mailto:resume@branndon.dev

ABOUT BRANNDON

Backend-focused engineer with deep expertise in **Python** and **Django**, having built production systems serving millions of users. Lead development of Django-based applications and architected complex backend integrations while ensuring **GDPR compliance** and data anonymization systems.

Currently working at Headspace as a Senior Software Engineer, leading major platform initiatives including Server-Driven UI project. Architected **RESTful APIs** for complex environments while promoting **TDD** practices and mentoring engineers in **Django** best practices.

Experienced in scaling engineering teams from startup to enterprise level, supporting growth from sole IT department member to full technical team. Led weekly **code reviews**, mentored developers, and collaborated with executive staff to align technical and business goals.

Branndon's top 5 professional strengths in order are:

- [Strategic - naturally spots patterns and alternative pathways to solutions](#)
- [Activator - naturally takes initiative and makes things happen quickly](#)
- [Individualization - notices unique qualities and tailors approach accordingly](#)
- [Achiever - driven by constant accomplishment and works with stamina](#)
- [Adaptability - able to switch gears quickly when priorities change](#)

Source: Gallup/Clifton Strengths Finder https://www.gallup.com/cliftonstrengths/en/252137/home.aspx

PROFESSIONAL EXPERIENCE

Complete work history: https://branndon.dev/linkedin

Senior Software Engineer

Headspace

2022 - Present

Lead development of Django-based applications and major platform initiatives including Server-Driven UI project, where I transitioned from Python to TypeScript to help convert all mobile app display logic to server-side control. Led the onboarding flow team while ensuring GDPR compliance throughout the project lifecycle.

Supported Headspace-Ginger platform merger, implemented DSAR compliance and data anonymization systems. Built guardian consent workflows and led SMS architecture migration eliminating dual-source synchronization issues.

Lead technical decisions while mentoring engineers in Django best practices and system architecture. Design RESTful APIs for complex environments while promoting code quality and performance optimization across cross-functional teams.

Achievements:

- Led team for onboarding flow conversion in company-wide Server-Driven UI initiative, learning TypeScript while ensuring GDPR compliance
- Architected backend systems integration merging coaching and clinical therapy services into Headspace platform post-acquisition

- Championed CI/CD pipelines and TDD practices while mentoring junior engineers on Django best practices

Technologies Touched (in order of usage):

Python | Django | Backend Development | RESTful API | JWT | Auth0 | Docker | CI/CD
TDD | ORM

Application Architect / Lead Developer / Senior Developer

2014 - 2020

Played a key role in the evolution of the IT department, starting as its sole member and subsequently contributing to the hiring of roles including IT Director, Lead Developer, DevOps Engineer, QA Lead, and Scrum Master.

Drove the design and deployment of critical business applications, such as administrative dashboards and automated reporting. Steered the direction and execution of the entire software ecosystem.

Achievements:

- Optimized site load time from 2.7 seconds to 0.89 seconds, resulting in significant cost savings and revenue increase
- Designed a machine learning-based email content recommendation system
- Contributed to team growth by leading weekly code reviews, mentoring developers, and collaborating with both executive staff and project management

Technologies Touched (in order of usage):

Python | Machine Learning | Django | PostgreSQL | AWS | Redis | Linux | Agile

Senior Software Engineer - Backend Focus

2020 - 2021

Spearheaded the development of a scalable backend infrastructure at Webley Systems, utilizing Python's advanced features like decorators and context managers. Employing Flask for our RESTful API, I architected an AWS-integrated backend to handle streaming video compilation.

Achievements:

- Engineered a custom automation system reminiscent of GIT, revolutionizing a two-decade-old manual ticketing process using headless Selenium
- Autonomously designed a standalone API infrastructure leveraging AWS services like Lambda, API Gateway, and ALB

Technologies Touched (in order of usage):

Python | Flask | RESTful API | AWS Lambda | Selenium | TDD

Professional recommendations continue on the following page

RECOMMENDATIONS

Kyle Taylor

CEO | The Penny Hoarder

https://www.linkedin.com/in/kylebradleytaylor

I've been lucky enough to work alongside Branndon for nearly two years now and while he's always been a pleasure to work with, I feel like this year in particular has brought about a huge transformation. He has a growing confidence in his skills and abilities and it's been such a pleasure to watch him realize his own talent.

Stephen McDermott

IT Director | The Penny Hoarder

https://linkedin.com/in/stephencmcdermott

The code looks to be easily maintainable and modular. I have noticed that when creating deliverables, regression testing is relatively isolated. A poorly coded site would include multiple cross dependencies, whereas one change would result in changes across the whole system. Branndon has coded a good portion of this site and it is built well.

Jennifer Franko

Scrum Master II | The Penny Hoarder

https://www.linkedin.com/in/jenniferfranko

Branndon is one of the most well rounded, patient and talented developers I have had the pleasure to work with. Branndon is always thinking of the user experience as he works on his outstanding coding. Branndon never shows signs of stress and was always able to successfully complete any tasks with favorable results despite deadline pressure. His technical skill is outstanding but he also has the ability to communicate clearly and to collaborate effectively.

Branndon is a rare find within the development world as he is constantly furthering his knowledge and skills. He repetitively amazed me with his industry insight and original approaches to solving problems.

Branndon always takes the time to provide technical guidance and mentorship to his fellow developers. Branndon leads by example and people find his enthusiasm and dedication both inspiring and motivating.

Branndon is dedicated, self-motivated, methodical, and very capable. I thoroughly enjoyed working with him at The Penny Hoarder and hope that one day I will have the privilege to work with him again. He is a true Rock Star!!!