



Backend Engineer

Reports into: Head of Engineering

Location: London W8 5EH & Remote

About Pinwheel

Pinwheel is building the world's largest community of planet-conscious consumers, responsible brands, and planet restoration projects. We recently completed our brand launch at COP26. You can check us out at <https://pinwheel.earth>.

Climate change and biodiversity loss is the defining issue of our time. The UN has sized the global sustainability market at \$1.2tn, making it one of the highest growth sectors of the 21st Century.

Over the next 8 months we are significantly scaling our product team. We've got an exciting roadmap and strong technical foundations. Our next challenge is delivering product at scale and volume. To achieve our goals, we are hiring several roles across product and engineering.

We're privately funded and run by an experienced team (formerly of Smart Energy GB, ITV, McCann Worldgroup, HM Government). We work on a blended model, split between our offices in London or Bristol and remote working. We believe in design, innovation, and humanity.

The role and responsibilities

The Backend Engineer is responsible for building APIs that the world uses to interact with Pinwheel.

You'll work with other engineers to design and build new Django APIs and data models. You'll write secure, extensible, highly readable Python code. You'll write the code that allows us to interact with integrations like Stripe and SendGrid. You'll have a thorough approach to your work. You'll proactively work with the frontend engineers in your team to make sure they can work with your APIs smoothly. You'll write robust tests that allow us to have a smooth QA process that rapidly picks up and squashes bugs.

You'll be comfortable in an agile environment with fortnightly sprints and incremental delivery. You'll be merging to the main branch each day. You'll communicate well within your cross functional team comprised of frontend engineers, backend engineers, designers and product managers.

What you will need

- Strong backend engineering skills in Python
- Experience working on Django projects, ideally with Django Rest Framework
- Experience designing relational database models
- Experience building and implementing automated tests



Backend Engineer

- A good understanding of web security principles
- A productive and creative mental attitude, with strong teamwork and communication skills
- A committed approach to project management that ensures deadlines are achieved
- A disciplined and proactive approach to QA which ensures quality and scalability

Would be a bonus

- Experience working in a start-up
- Experience working with CMS systems
- Experience working on data science/data engineering/machine learning projects
- Experience deploying scalable Python projects
- Frontend engineering experience with React

What we offer

- £45,000 - £60,000
- Employee stock options scheme
- Generous holiday allowance
- Top of the range equipment

How to apply

- Send your CV to jobs@pinwheel.earth
- 30-minute intro call with Dan, head of engineering
- 1-hour pair programming interview
- 1.5-hour technical interview with Dan and Mark, CPO

Our stack

- Django / Django REST Framework
- Postgres
- AWS & Vercel
- Docker, Traefik, Nginx & Unicorn
- Stripe, Sendgrid
- Next.js with TypeScript