



## Pinwheel – Senior full stack engineer

### About Pinwheel

Pinwheel is passionate about repairing the planet! We connect companies with planet repairing projects through bespoke web applications that drive employee and customer engagement. Our mission is to use carbon offsetting not as compensation for harm, but as a catalyst for meaningful individual and corporate climate activism and action. Pinwheel enables businesses to invest in solutions that repair the planet and to do so in a way that builds brand value.

Pinwheel identifies and verifies projects that address the linked crises of carbon, biodiversity and waste, targeting investment in the best solutions that deliver maximum impact. The [projects](#) we work with are split across four main areas:

- Wilderness: focusing on land-based habitats, seeking to restore nature and increase biodiversity through rewilding. Primarily supporting Brian May's Save Me Trust
- Ocean Rescue: removing plastic from the ocean and restoring mangrove forests
- Clean Tech: providing renewable cooking solutions and reducing electronic waste in countries where recycling facilities aren't readily available
- New Horizons: focusing on game-changing carbon removal projects. We support biomass sequestration which is an ingenious "reverse mining" technology, find out more [here](#)

The software you build will engage our clients' employees and customers and give them a public facing platform to showcase the impact of the investments. You can check us out at [pinwheel.earth](https://pinwheel.earth).

We are currently scaling our product team. We've got an exciting roadmap and strong technical foundations. To achieve our goals, we are looking for a senior full stack engineer to work alongside Dan, our Head of Engineering and Mark, our Chief Product Officer.

### Our Mission and Purpose

- We believe we can restore the health and happiness of our planet
- We believe in the people around the world working to create a better future for life on earth
- We believe in long-term and secure carbon removal
- We believe biodiversity is just as important as a low carbon atmosphere
- We believe we all have the choice to act
- We believe in openness
- We believe in transparency
- We believe in fairness
- We believe in humanity

### Everyone is welcome

Pinwheel is committed to hiring diversely and inclusively. This means that:

- for all job opportunities, job applicants and employees will receive equal treatment regardless of sex, sexual orientation, marital status, race, colour, nationality, ethnic or national origins, disability or religious belief
- the above equally applies to access to development and training opportunities.

Find out more about what the job involves on the next page.



## Pinwheel – Senior full stack engineer

### What the job involves

As a senior full stack engineer you will be responsible for building a beautiful, usable product that enables people and businesses to fund projects that repair the planet.

You'll work with designers to bring designs to life by writing secure, extensible, highly readable code using Next.js. You'll also use Django to build the APIs that power the frontend. You'll be product-focused and have a thorough approach to your work. You'll maintain coding standards across our codebases. You'll write robust tests that allow us to release to production with confidence each day.

You'll be comfortable in an agile environment with fortnightly sprints. You'll lead fortnightly planning meetings and work with people from outside the team and company to unblock dependencies. You'll be merging to the main branch each day and you won't have long-lived feature branches. You'll communicate well within your team of engineers, designers and product managers. You'll help coach and develop junior engineers.

### Must have

- Frontend engineering skills, including TypeScript, React, HTML and CSS
- Backend engineering skills, including Python
- Experience building and implementing automated tests
- A desire to work creatively as part of a team
- An appreciation for design and the ability to bring those designs to life
- An effective approach to project management so that your team is releasing work on time
- A thorough approach to work and an appreciation of code quality
- An ability to work collaboratively with product designers and product managers

### Would be a bonus

- Experience in a start-up
- Experience on large Next.js projects
- Experience with CMS systems
- Experience with Tailwind CSS

### Our stack

- Frontend: Next.js with TypeScript, Tailwind CSS, Vercel, Contentful
- Backend: Django, Django REST Framework, Postgres, Serverless (TypeScript), AWS
- Tools: Github Actions, Cypress, Sentry, Fathom Analytics, VSCode

Find out more about what we offer on the next page.



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### **What we offer**

- £70,000 - £80,000
- Employee stock options scheme
- 30 days holiday allowance + 8 bank holidays
- Top of the range equipment
- Cycle to work scheme
- Company pension
- Generous parental leave policies
- 2 days to volunteer with a cause that you care about
- Hybrid working (2 days in our London or Bristol offices and the rest of the time from wherever you are comfortable)
- We are open to discussing flexible working for those days when you are not in the office

### **The application process**

- Stage 1: send your CV to [jobs@pinwheel.earth](mailto:jobs@pinwheel.earth)
- Stage 2: 30-minute intro call with Dan, head of engineering
- Stage 3: 1-hour pair programming interview
- Stage 4: 2-hour on-site technical interview with Dan and Mark, CPO
- Stage 5: decision!