

Backend Engineer with Node.js / Typescript

About Carbonplace

Carbonplace is a global carbon credit transaction network that enables the simple, transparent, and secure transfer of certified carbon credits. Established by a group of banks committed to driving climate action at scale, Carbonplace is a crucial piece of infrastructure that will open the voluntary carbon market to the world.

Using blockchain-enabled distributed ledger technology, the platform's secure distribution network will allow secure, and traceable settlement of carbon credit transactions – including retirement of credits – with immediate transfer of ownership upon payment.

The platform will drastically enhance access to the voluntary carbon market by being available to millions of corporate customers from each member bank.

The Role:

We are looking for backend Node.js developers with production applications experience.

Required Skills:

- 5+ years of experience as a Backend Software Engineer working on production applications
- 3+ years of Node.js back-end development (preferably Typescript)
- Experience with, or understanding of: PostgreSQL
- Experience working on agile projects in an Agile environment
- Experience working in CI/CD setup
- Experience working in a distributed, remote team environment.
- Excellent communication skills.
- Writing good technical documentation.

Bonus Points for any of:

- BSc/MSc in Computer Science or related subject
- Experience in Typescript
- Experience with microservices architectures
- Understanding of blockchain technology, especially Ethereum
- Blockchain / smart contract development: Solidity / Ethereum, Web3.js or Ethers.js library
- General interest in DevOps topics / experience with Docker and/or Kubernetes and deploying cloud infrastructure (AWS / Azure)
- Experience with Kafka or other messaging technology
- Experience in deploying blockchain infrastructure

Other skills to demonstrate:

- Excellent verbal and written communication in English
- Teamwork, flexibility, initiative, communication and organization
- Willingness to constantly learn & improve, challenging yourself to stay at the top of your game

Location & Commitment:

- This is a full time contract role with potential opportunity to convert to permanent staff.
- The roll will require a mix of remote working and occasional in-person working on-site in central London.

Salary:

- Competitive based on experience