About Us:

90POE is a company with a goal to revolutionise shipping by creating a suite of comprehensive software solutions for the Maritime industry. Our journey begins now. Over the next couple of years, our teams and squads will build more than 30 products from the ground up. This includes everything from global vessel tracking to vessel performance analysis, crew optimisation and so much more.

Our Mission

To profoundly advance the safety, efficiency and reliability of the shipping industry through the

application of digital technologies.

The Role

90POE's mission is big. It's not going to be easy but with the support and determination from our stakeholders and the brilliant people we have hired we can achieve anything. Right now, we're seeking a Data Engineer to use solid software engineering and creativity to build data pipelines and optimise existing algorithms and use them to help optimise the shipping industry. This is an incredible opportunity to help to build on our success in several areas from finding the best crew person for any job on any ship, anywhere in the world to understanding and predicting the behaviour of a ship at sea in all conditions and using that to find its best route, saving time, money and reducing CO_2 emissions. We have achieved much in a short amount of time by working closely as a supportive team, building on the success of each other and not being afraid to try new and innovative techniques.

Your new team are made up of Data Scientists and Data Engineers and are responsible for delivering insights and recommendations that allow ship operators to save time, money and fuel. Your team will gain not only from your experience and knowledge of your domain but also from your collaborative and results driven style. Within this team you will be working very closely with both data scientists and other data engineers, contributing to every stage of a project from initial feasibility to deployment of automated model training and maintenance. It is likely that you will be heavily involved in building highly performant systems that are able to process data and calculations at least an order of magnitude faster than a naive implementation.

What's in for you

90PoE is a growing start-up, championing real change in the shipping industry. This is an exciting and challenging opportunity to apply cutting-edge technology to revolutionising an iconic industry.

You will demonstrate our values, strive for excellence, engage and motivate those around you and be accountable for your contribution to the team's priorities. You have the chance to own your and the company's growth in terms of:

- Creating data processing pipelines and automated systems that can execute them
- Building dashboards that load and show the results from several experiments
- Get data from anywhere and make it useable in any format
- Take an existing solution for fetching, processing, calculating or transforming data and make it faster than anyone though possible
- Turn machine learning solutions that work in a notebook into robust, stable and fast microservices that can be used throughout the company beyond just data science
- Always striving to increase your own and your teams understanding of data engineering best practice and how to apply it to the interesting field of shipping

What you will be responsible for:

- Continuous improvement mentality

- Incredible work ethic, drive and passion
- Excellent internal and external rapport builder/ people skills, establishing strong relationships
- The ability to advocate for good ideas regardless of where they come from
- Demonstrable experience in taking a data problem from concept to a working system in production
- Strong numerical skills
- Writing well structured, easy to read and testable python code
- Some understanding of statistics and machine learning
- Fluency in English and strong communication skills, both verbal and written
- Being accountable for your contribution to achieving company priorities
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It would be great if you have:

- BSc or higher in a STEM subject
- A strong track record of taking on interesting problems and defining, researching and implementing your own effective solutions
- Great Python programming skills and maybe some other development languages as well
- Experience of Spark or PySpark
- Expert knowledge of Pandas or similar tool
- Enthusiasm to learn and work in a diverse team

Benefits
- We offer a competitive financial package which includes competitive salary, company bonus scheme, employee referral scheme, a contributory pension and a travel to work loan
- We have a positive attitude to flexible working, a competitive annual holiday allowance, cycle to work scheme, supportive family polices and discounted gym membership
- We have a culture of which we are proud, a highly skilled and diverse workforce as well as impressive offices in central London and Kyiv

For more information about 90POE check out our website https://openocean.studio/

Or our company video here https://www.youtube.com/watch?v=WZ89Ps0VB_M

If you would like to join our team and be part of this exciting journey, please get in touch.