PORTCHAIN

Full stack software Engineer

(remote)

https://www.portchain.com/
Send your application to jobs@portchain.com
Full stack software Engineer

You

   Required skills that you have
   Bonus skills

Day to day work

Our stack

The recruiting process

The company & the problem we solve

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Required skills that you have

- 6 years minimum of professional experience in Software Engineering.
- Demonstrated an excellent knowledge of technology across several domains
- Strong analytical and problem solving skills paired with the ability to develop creative and efficient solutions
- Proficiency in automated unit and integration tests
- A track record of successfully working remotely
- A deep understanding that we always have to navigate between the immediate impact of a feature and the technical debt brought by its implementation. You are able to carefully weigh the pros and cons and make a choice in favour of the company and the team
- Comfortable with rapid changes common in early-stage product development
- Enjoys and gets energized by complex problem solving and ability to think out of the box

Bonus skills

- Experience with building B2B and consumer quality products, enabling business capability and objectives through technology
- Experience with any or all of the following technologies: NodeJS, ReactJS
Day to day work

You'll work with our 100% remote software engineering team and will coordinate closely with Product Management and Product Design teams.

We have two products.
- A Berth optimization engine which consists in a React/Node.js web application integrated with an optimization engine in python.
- A Schedule optimization engine to prevent conflicts at berth and optimize vessels arrival and departure times, as well as fuel consumption.

We have weekly meetings which consist in:
- 1 hour monday morning of workstream updates and what we want to achieve each week (team wide, on all fronts, not just software development)
- 45 minutes of retrospective on Friday afternoon
- ~1 hour of product development review and planning
- 40 minutes of one-on-one with the head of engineering

We also have a daily standup (about 10 minutes) to update each other on what we are working on. The rest of the time is mostly left to focus on work.

Our stack

We currently run on a mix of dedicated hardware and cloud technologies.

Front-end: ReactJS with Typescript
Application: Node.js (Typescript as well) with an optimization engine module in Python
Database: PostgreSQL

We have automated continuous integration & deployment in 3 environments (dev, staging and production).
The recruiting process

The best way to get recruited is to come recommended from one of our trusted acquaintances.
Otherwise the typical process is:
- You send us your application
- You should receive an initial quick answer from us (24 to 48hrs) whether we think your candidacy is a potential match
- We send you a take-home test as a lot of your daily activity will be both thinking about code and coding. That coding test is usually done within 2 hours. This, of course, depends on your experience, availability & background.
- After receiving the test, you tell us when you will have the test done and then send it to us at the planned time
- We review the take-home test and let you know what we think of
- You interview with the Head of Engineering, part of the interview is going through the coding exercise you did at home
- You interview with at least one more of our software engineers
- You have chat with the CEO and the founders
- At this time, we have high confidence in you and would like you to join us
- You can either join us directly or fly in and work with us for a few days and see how it is to work at Portchain (in some cases, we send the offer earlier than this step, to make sure it matches your expectations)
- You can then decide to accept the offer

We've been able to run this process in a **couple of weeks** but it can sometime take more than a month, depending on our respective availabilities.

Notice that, unless we reached out to you first, you might not have a chat with us before having to complete a coding test. However, please don't hesitate to email any questions you may have, along with your candidacy before you spend time on a coding test.

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The company & the problem we solve

Portchain (www.portchain.com) is a Danish startup founded in 2017 by three McKinsey alums to solve the hardest planning problems in container shipping through software and industrial analytics. We apply cutting edge machine learning and optimization - i.e., narrow A.I. - through an industry leading customer experience to container carriers and terminals to optimize their key planning processes and create a step-change in productivity.

Portchain’s customers include several global top-5 companies, served by our quickly growing 15 people strong international team. In addition, Portchain has closed a multi-million dollar seed round together with prominent investors, and have received several prestigious grants e.g., from the Danish government through their Innovation Fund, and from the European Union through Horizon 2020 together with 50 other companies out of more than 1.600 applications.

Want to join the team?
If you think that you would be a strong fit for Portchain and the role, please send your application and/or any questions you have to jobs@portchain.com.