

Software Engineer (Remote)

About us

We're building world class technology to help landlords maintain and build the safest and best accommodation for tenants across the UK. Yuno is breathing fresh air into the way the property industry manages licensing and compliance. We have a services division that funds all our R&D and operations, and we've just launched version 1 in London. After great demand from our partners, we are planning a national rollout of a host of extra features in early 2021. We're an early-stage start-up with buckets of potential offering huge opportunities to learn, grow and take on lots of technical responsibility.

Job overview

We're on the lookout for a brilliant remote full stack software engineer to join our small but quickly growing technical team. Some parts of the technology were built by external partners, but we are currently moving this tech in-house. We have a brilliant in-house team you will work closely with including developers, product specialists, a UI/UX expert and more.

We're a small but growing team solving a very real and complex problem. We value open communication, an entrepreneurial approach, curiosity and efficiency.

As a Yuno Software Engineer, you will be:

- Writing code on a daily basis, adapting to changing priorities and business needs
- Responsible for good architecture (maintainable, performant, testable etc.)
- Promoting good development practices within the team, ensuring quality code and mentoring junior developers amongst other duties

Requirements

Traits

- Passionate about technology, keeps up to date with the latest advances
- Superb problem analysis and solving skills
- A critical thinker with superb problem analysis and solving skills

- Open to opinions of others and constructively discusses solutions to find the best one
- Comfortable in a fast-paced start-up environment
- Excellent communication skills and fluency in English
- Open minded and willing to learn

Technical

- 5+ years in web application development (full stack)
- JavaScript (ES6+ and/or TypeScript)
- React (Redux a plus)
- HTML 5 and CSS 3
- SQL and PostgreSQL
- Good knowledge of testing (including unit, integration and performance)
- Experienced working in agile teams
- Good knowledge of the software development lifecycle
- Can conduct code reviews and make sure issues are resolved swiftly
- Experienced developing RESTful APIs
- Linux

Good to have

- Experience with geospatial/polygon mapping technology e.g. PostGIS, ESRI ArcMap, QGIS, GDAL etc.
- Python 3 and any AI/ML related libraries e.g. Scikit-learn, TensorFlow etc.
- Familiarity with cloud infrastructure e.g. AWS
- Knowledge of DevOps processes and tools e.g. Jenkins, Docker, Kubernetes
- Project management skills
- Property industry/proptech experience

Role details

Job title Software Engineer

Education level Bachelor's degree (or equivalent)

Location Remote, GMT ±2 hours

Visa Must possess right to work in the UK

Career level Experienced (non-management)

Job type Full-time, permanent

Language English (fluent)

Salary Excellent, dependent on experience

In addition, we offer the following benefits:

- 20 days holiday (including 8 bank holidays)
- Day off on your birthday
- Pick your own hardware
- Access to educational tools such as Pluralsight

Questions?

Please get in touch at careers@goyuno.com.

Software Engineer Technical Test

Thank you for applying at Yuno, if you like solving new and interesting problems then this is the place for you!

Before we proceed, we merely ask that you complete the following short programming exercise so you can show us your skills. It should only take around 30 minutes to complete.

If you have publicly available examples of open-source code that you wrote which demonstrates your amazing coding abilities, then please send us a URL at careers@goyuno.com so we can check it out too. If you're unable to share any code with us (e.g. it's closed source or for proprietary reasons etc.) then don't worry that's not a problem.

Please send a Dropbox, SkyDrive or whatever link to careers@goyuno.com with your completed solution and instructions on how to run it.

Requirements

Landlords are one of Yuno's many customer segments and they use the Yuno platform to manage their properties and ensure compliance. Your task is to create a React web app (in JavaScript or TypeScript) that reads in the landlord property information in properties.json and implements the following tasks.

At the end of the tasks, the output should look similar to this:

Yuno

My property portfolio

ID	Name	Compliance Checks	Next Check Date
1	The Shard	* Electric (£2,500.50) * Structural (£7,250)	12:13:14, 4 Apr 2021
...			

Fire safety checks required

* The Gherkin, next due on 21/04/2021
* ...

Upcoming checks

* The Shard, next due on 04-03-2021
* ...

Enter additional compliance costs:

Calculate

Total yearly cost: £2,718.28

As a **landlord**

I want to **know the total yearly cost of compliance for all my properties**

So that **I can use that information to calculate the rent I should charge tenants**

Acceptance criteria:

- The costs are calculated based on the data imported from properties.json and not copied and hard-coded in JS or JSX files
- The total cost should be shown in the table like above

Task 2

As a **landlord**

I want **a list of my properties that require fire checks**

So that **I can make sure my fire processes are compliant**

Acceptance criteria:

- Any properties that do not require fire safety checks are ignored
- When I press the checkbox, the properties table should be filtered accordingly

Task 3

As a **landlord**

I want to **know the details of compliance checks due in the next 6 months**

So that **I can make sure any legal paperwork needed is ready**

Acceptance criteria:

- The dates are calculated based on the data imported from properties.json and not copied and hard-coded in JS or JSX files
- The properties should be listed in the second “Upcoming” table on the screen like above

Task 4

As a **landlord**

I want to **know my new compliance costs if I add a property**

So that **I can calculate the financial projections for my property portfolio**

Acceptance criteria:

- When I enter a price into the input field and press “Calculate” then the “Costs” output should update accordingly
- The new cost is added to the existing total cost

Some tips

- Don't worry too much about UI/UX. If you want to make it extremely user friendly then great, but the key thing here is the code quality
- All tasks should be completed with an appropriate amount of testing
- We haven't included currencies for prices in the properties.json data set, assume they're all in GBP (£)
- There is no need to manually set up Babel, Webpack and so on. You can use <https://github.com/facebook/create-react-app> for this.

Thank you for your time, we look forward to hearing from you!

<https://goyuno.com> / careers@goyuno.com