**Position Description**

**Senior Full Stack Engineer**

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| **Organisational Context** |

**About Chargefox**

Chargefox is committed to sustainable mobility. We're Australia's largest open, electric vehicle (EV) network for modern EV's. As part of that, Chargefox raised $17 million to build a network of ultra-rapid chargers to connect major cities across the country, but that's only a fraction of what we do. We have an unwavering focus on simplifying the EV charging experience for everyone - be they drivers, fleet managers, charge station owners, car manufacturers, energy retailers and more.

Our customers can find, use and pay for electric vehicle charging using their mobile phone. We’re continually adding new stations to the Chargefox network. So far we've processed over 200,000 charging sessions on more than 1,600 plugs across Australia and New Zealand, dispensing a total of over 3.4GWh of electricity. That's enough electricity to power the average household for four decades, and we're still growing fast. We're excited!

Our platform is built in Ruby on Rails and hosted on AWS, and we're looking for someone to join the team to help us develop it further. Values really matter (really!), so we’re looking for someone who’s a great fit for these - (Customer Focus, Sustainability, Safety, Transparency, Integrity and Collaboration).

We are growing rapidly, so this is an exciting time to join the EV revolution.

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| **Role Context** |

**Who we're looking for**

We're looking for someone with expertise in Rails and AWS who will be able to hit the ground running in delivering features and also will be able to help us evolve our platform for scale. You will also have an opportunity to contribute to our mobile app written in React Native. Remember our value on Customer Focus above? We want to see empathy for the driver and their experience along the way too.

We expect you to know how to build scalable and well-architected software solutions. We're looking for engineers, rather than coders. At Chargefox, we are big believers in a pragmatic and agile approach to software development. You will be participating in team rituals including stand-ups, retrospectives, occasional pair programming. We are based in Melbourne, so you will be working in our office in the city. Having said that, due to Covid-19 our team has been working remotely since the start of the pandemic and we expect to continue to operate in this way for the foreseeable future. Final home/office work balance yet to be decided, however we acknowledge it will be flexible.

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| **Organisational Values**  |
| Customer Focus, Sustainability, Safety, Transparency, Integrity and Collaboration. |

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| **Position specifications** |
| **Role title:** | Senior Full-Stack Engineer |
| **Located:** | Melbourne CBD | **Classification Level / Award:** | Not applicable |
| **Employment Period:** | Permanent | **Remuneration:** | Commensurate with skills and experience |
| **Reporting structure:** | This role reports to the Chief Technical Officer. |
| **Hours and basis of employment:** | Full time (38 hours per week) |

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| **Position Responsibilities** |
| * Analyse and identify needs by investigating problem areas and implementing user feedback to develop robust and tested software that meets those needs.
* Design and implement new software programs and systems and develop and modify existing systems as needed.
* Develop, test and refine code before communicating it to others involved with the project. Integrate existing software and ensure that all systems are compatible.
* Communicate information through code, diagrams, flowcharts, layouts and other documentation.
* Evaluate company software and systems; install necessary software and other programming.
* Maintain operational systems by proactively monitoring and fixing any problems.
* Work closely with other employees on projects.
* Stay up to date on new technologies by performing research and actively seeking out professional development opportunities.
* Motivate and encourage other team members through actively engaging and collaborating with them.
* Work closely with the business to design and deliver projects and end user features.

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| **Key Selection Criteria** |
| **Essential** * Minimum of 6 years experience working Ruby and Ruby on Rails
* In depth knowledge of hosting on AWS, not limited to Cloudformation, ElasticBeanstalk and EC2.
* Knowledge of design patterns and how to build integrated software systems
* Experience in React and ReactNative
* Experience in leading and mentoring other team members.

**Desirable** * Knowledge of event driven architecture, websockets, micros services and other framework and languages.
* Genuine interest in sustainable energy and the electric vehicle industry and technology
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