

HYPELABS

VP of Engineering Job Description

Introduction

Hype is a cross-platform communications framework that supports multiple types of transport, such as Bluetooth, Wi-Fi, or the Internet. The framework optimizes delivery by fragmenting messages into multiple segments and distributes them through all available transports simultaneously – called transport multiplexing – using a probabilistic distribution algorithm that bases its decisions on real-time network profiling metrics. Connected devices form an ad hoc network that allows messages to hop from device to device – known as mesh networking – further enhancing range and deliverability. All data is securely encrypted, guarded from eavesdropping, even when hopping between other Hype devices. All this complexity is hidden behind an abstraction layer that provides developers a simple and easy to use API, while only requiring minimal setup.

Description

We're looking for a senior network engineer with background on mesh networking for the role of VP of Engineering. The candidate will be managing and supporting a small-to-medium highly technical development team, creating development plans, and writing technical documents.

Requirements

The candidate must have at least 5 years of experience in network engineering, especially in mesh networking. Also at least 3 years of experience in team management and support, planning and timeline management, software architecture and design, Scrum methodology in the role of Scrum master, and product development. Skills regarding technical writing are highly appreciated. It's also required from the candidate to have extensive experience in C, developing at different levels of the network stack, and adaptability to other technology stacks, such as previously unknown languages and platforms. The candidate must also show critical and argumentative capabilities regarding overall technologies and networking in concrete. Being an organized and methodical person is crucial.

Our office is located in Porto, Portugal, and all tasks must be performed in person, thus working remotely is not an option. Availability to travel is a plus.

Ready for the challenge? Please apply with CV to:
contact@hypelabs.io