

# Senior Software Developer (C++) (m/f)

We're looking for talented and motivated people to join our team!

Smartfrog is a tech startup focused on the "Internet of Things" which is about making everyday objects more intelligent and connected to the internet, enabling the user to access them from anywhere at any time. We want the latest technologies to be affordable and user-friendly so that our everyday lives become more comfortable, more efficient and more secure. Are you the kind of person who gets excited by new challenges? Do you want to help us find innovative solutions to those challenges? If so, we look forward to hearing from you.

## What we offer:

- A dynamic office environment at an international tech startup in the heart of Berlin
- The chance to help build an exciting new brand and develop new products
- A young and agile business with flat hierarchies
- Great potential to develop your career
- Flexible hours and working arrangements
- Attractive compensation package

Location: Berlin

Start: ASAP; full-time

## Your role:

- Design and implement a variety of customer facing and system-level features to enhance the camera experience
- Work on features that improve latency, reliability, and quality of video streamed from cameras
- Interface with various hardware and software teams on complex system integration tasks to achieve efficient, cost-effective, and delightful product solutions
- Solving exciting problems of advanced features in a resource-constrained hardware environment
- Work on device drivers and bootloaders for next-generation cameras
- Adhering to high-quality software development standards

## Requirements

- BA/BS degree in Computer Science, Electrical Engineering or similar
- 5+ years working experience with C/C++ programming languages and Linux or embedded Linux systems in professional environment
- Strong background with C & C++ programming, especially in following topics
  - Threading and Non-blocking IO
  - Design Patterns and Development best practices
  - Frameworks (i.e. Boost / Qt / Poco, etc)
- Experience with network programming and network protocols (TCP, UDP, HTTP, MQTT, etc.)
- Experience with video streaming (RTSP, RTMP, etc.) and tools like FFmpeg, OpenCV
- Knowable about modern development workflows and practices such as:
  - GIT and gitflow
  - Continuous integration, Code Review and pair programming

- TDD, Unit Tests and Integration Tests

### Extra Bonus points if you

- Have strong experience developing firmware on HiSilicon or Ambarella SOC Platforms
- Experience in developing device drivers for Linux
- Have worked with audio/video streaming (h.264/265, AAC, MP3, G.711, etc.)
- Have hands on experience with linux kernel development
- Knowledge of communication protocols such as Wifi, 802.15.4/Zigbee, USB, and Bluetooth

### How to apply

Are you interested in joining the Smartfrog team? Please send your CV with a short cover letter including salary indication and your portfolio (github, websites) to Jan Seidler, [jobs@smartfrog.com](mailto:jobs@smartfrog.com). We are excited to get to know you!

[www.smartfrog.com](http://www.smartfrog.com)