

Sergey Chuplgin

C++/Qt/QML developer
Hardware Adaptation engineer

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<https://github.com/neochapay>
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Personal summary

Teachable, highly motivated, easily gaining insight into other's code. Having experience with open source community. Linux, Android and other OS expertise and understanding. Extensive experience with Qt C++/QML.

Skilled QML/C++ developer with experience in mobile device backend and UI/UX. Have some pull request in:

Qt

<https://bugreports.qt.io/browse/QTBUG-50800>

Mer/SailFish OS

<https://github.com/sailfishos/ofono/commits?author=neochapay>

<https://github.com/sailfishos/libcommhistory/commit/334caecdf0aa35d63778f6b9537f92235a7ea98e>

<https://github.com/sailfishos/nemo-qml-plugin-models/commit/df86c16ae139e5b09d859a1ff5a8cbf7cf9ecd70>

<https://github.com/sailfishos/libcontentaction/pull/3>

PulseAudio

https://gitlab.freedesktop.org/pulseaudio/pulseaudio/-/merge_requests/639

KDE

https://invent.kde.org/frameworks/bluez-qt/-/merge_requests/3

https://invent.kde.org/frameworks/kcalendarcore/-/merge_requests/38

LibHybris

<https://github.com/libhybris/libhybris/pull/502>

Main developer of NemoMobile

PinePhone developer:

create ofono driver for pinephone who can make voicecalls

<https://github.com/sailfish-on-dontbeevil/ofono-new/commit/9c4daa69c510ffcfa66c58fdcebddf8ecc8189bb>
<https://github.com/sailfish-on-dontbeevil/ofono-new/commit/dc664bef524d9d4d6236de97c8ac04d899773fd0>
<https://github.com/sailfish-on-dontbeevil/ofono-new/commit/c318d2747d3853c44304f45ee0a0735bfc30692>
<https://github.com/sailfish-on-dontbeevil/ofono-new/commit/f080462bd7fba416ac2f4e6ec27c37d4bdec8371>
<https://github.com/sailfish-on-dontbeevil/ofono-new/commit/6c169967bc1dcd53dde37f4c15244e2a579eece8>

create prototype of camera app for pinephone

<https://github.com/neochapay/ppcamera>

and add some fixes into kernel for pinephone camera

https://github.com/neochapay/linux_nemopine/commits/nemo-pine56

Just for fun port android9 on Nexus7 tablet

Fixed kernel

https://github.com/neochapay/android_kernel_nvidia_tegra3/commit/99ed585546915f1c76a6f0efbdeca3f2d0660cc6

Fixed NFC stack

https://github.com/neochapay/android_packages_apps_Nfc/commit/5c2b0db284ecfcf4c0ec5febe2965cf926cf4b5e

Experience in speaking at public events:

LinuxPiter(Saint Petersburg/Russia 2020) -

[ENG] <https://www.youtube.com/watch?v=GXVeLhWmsY8&t=889s>

[RUS] <https://www.youtube.com/watch?v=2ag7KHinMSM&t=889s>

FOSDEM (Belgium/Brussels)

<https://www.pine64.org/2020/02/03/fosdem-2020-and-hardware-announcements/>

Work experience:

My Office (Innopolis Russia, September 2020 – Now)

Software Engineer. Work about own crossplatform c++ framework.

Open Mobile Platform (Innopolis Russia, August 2016 – September 2020)

Hardware Adaptation Engineer

Developing russian version on Sailfish OS – alternative mobile platform for government. Duties:

- Adaptation android sources for libhybris
- Backporting android/linux drivers for sailfish
- Writing systemd services for android services
- Writing middleware services for modem/bt/wifi etc

Muzakkord.ru (Cheboksary Russia, January 2016 – August 2016)

Teamlead, php developer

Create on-line music shop Duites:

- Wrote code
- Taught junior developers

Bokus (Cheboksary, Russia March 2015 – January 2016) Junior Qt/QML developer
Created android/iOS applications to order

- Supported consumer applications – remove bugs add new functional
- Created new application <https://play.google.com/store/apps/details?id=com.elarbis.home.e1> and others

Key skills and competencies

- Qt/QML/C++
- Git/SVN/CSV
- Mobile software architecture and specific
- Experience in creating mobile QML applications
- Solid experience in LAMP stack

Education:

Ecologist at Cheboksary Machine-Building Technical School 2002-2006

Languages:

Russian: native language

English: intermediate