

Chen Luxiang

Software Engineer
Age 27 Residence Hangzhou




About me

5 years experience in Linux software development, familiar with agile development. Quickly adapt to a number of different projects, more comprehensive technology. Good at learning and applying new technology, strong sense of responsibility, good team work ability.

Skills



Contact

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Education

Jiangxi Normal University
major in computer science and technology
Bachelor
September 2011 - July 2015

Experience

Software Engineer (July 2015 - Present)

Nokia Shanghai Bell | Hangzhou

From intern to software engineer, now I am the Technical Leader of the team.

<> 5G CU/vDU Project(October 2018 - Present)

Responsibility:

- completed project prototype development and early validation based on micro-service architecture on the cloud platform.
- design the interface for the configuration management service.
- evaluate the feature functions to be developed.
- clarify feature requirements and solutions.

Content:

- modify CMake to resolve compilation issues and support multiple platforms.
- design a RESTful API based on the OpenAPI 3.0 specification.
- prepared documentation for module architecture design and conceptual design of the activation configuration process using PlantUML.
- implement core framework code. Review the code on Gerrit and refactor the complex code.

<> URI Project(October 2017 - September 2018)

Responsibility:

- implement the network management software and back-end functions of the website on the base station platform.
- refactor logically complex code.
- locate and resolve end-to-end testing issues.

Content:

- refactor the code of snapshot function, decouple different types of collection, make the code easy to maintain.
- write system module test cases with pytest and run them with LXC container.

<> BTSMED Project(November 2016 - September 2017)

Responsibility:

- implement the business function of network management software to manage multiple base stations in the network management platform virtual machine.
- complete the conceptual design and solution documentation.

Content:

- design the BTSMED software upgrade scheme based on the Spring framework and built with Maven.
- implemented configuration migration and software upgrade with Java and Shell, and debugged in the Docker container.
- conducted on-site debugging for customers in Changsha, assisted in the commercial operation of BTSMED, and successfully switched about 700 base stations to BTSMED.

<> OpenCpri Project(July, 2015 – October, 2016)

Responsibility:

- implement the management function of Radio on the base station according to the communication protocol document.
- write regression test cases. Locate and modify software issues.

Content:

- C++ implemented message codec and flow control.
- wrote unit Test (UT) use cases based on the Google Test/Mock framework.