DANYLO YUROV

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A highly motivated, hardworking, bright and responsible Software Architect with undisguised interest in the tech industry. Deadline orientated and stress resistant - it's about me.
I'm looking for projects with interesting technologies stack, progressive in decisions and of course with a friendly atmosphere.

EXPERIENCE

MAY 2024 – PRESENT
SOFTWARE ARCHITECT, LUXOFT
Hard Skills: C++ 17, python, Java, Swift, Bluetooth, git, Linux, CMake, Android, Soong, Docker, Multithreading, STL, plantuml, ASPICE
Soft Skills:
- Leadership in System Architecture decision making

Responsibilities: System design creation, Detailed design creation, SW development (features, debugging), Level 1 ASPICE: SWE.2 and SWE.3 implementation
Achievements:
- Designed SW Architecture for Car Projections Integration Framework
- Designed SW Architecture for Bluetooth Device Manager

Customer: Ceer Motors

NOVEMBER 2022 – MAY 2024
SOFTWARE ARCHITECT, LUXOFT
Hard Skills: C++ 17, python, Java, git, r2, Linux, CMake, Android, Soong, Docker, Multithreading, STL, plantuml, ASPICE
Soft Skills:
- Leadership in System Architecture decision making

Responsibilities: Requirement analysis and creation, System design creation, Detailed design creation, SW development (features, debugging), Level 1 ASPICE: SWE.2 and SWE.3 implementation
Achievements:
- Designed SW Architecture for CarPlay 2.0 Integration Framework

Customer: DXC

AUGUST 2021 – NOVEMBER 2022
SOFTWARE ARCHITECT, LUXOFT
Hard Skills: C++ 14-17, git, Linux, CMake, Yocto, Docker, SQLite, gRPC, Thrift, Boost.Asio, STL, plantuml, ASPICE
Soft Skills:

- Leadership in System Architecture decision making
- Networking
- De-escalation of conflicts

Responsibilities: Requirement analysis and creation, System design creation, Detailed design creation, API design, SW development (features, debugging), Level 2 ASPICE: SWE.2 and SWE.3 implementation

Achievements:
- Reduced the amount of time required to cover features agreed with the customer by three times with one architectural solution
- Designed solid SW Architecture for system services in short terms multiple times
- Developed domain design and documentation creation process from scratch

Customer: Daimler AG

MAY 2021 – AUGUST 2021

TECHNICAL LEAD, LUXOFT

Hard Skills: C++14, git, Linux, CMake, Docker, Yocto, Thrift, Boost.Asio, STL, plantuml

Soft Skills:
- Networking in a new environment
- Acceptance of new responsibilities

Responsibilities: SW development (features, bugfix, debugging), Requirement analysis, Detailed design creation

Achievements:
- Gained authority among engineers
- Made first time integration and delivery of SW for new car generation

Customer: Daimler AG

DECEMBER 2020 – MAY 2021

SENIOR C++ DEVELOPER, GLOBAL LOGIC

Hard Skills: C++11, Ruby, OOP/OOD, STL, git, CMake, Multithreading, XCode, Visual Studio

Soft Skills:
- Adapting to remote work in a new team

Responsibilities: SW maintain (bugfix, debugging), Code Optimization, Benchmarks development, Requirement analysis, Researching

Achievements:
- Implemented performance tests on Ruby (learned it in progress) in a short term

Customer: Avid

JANUARY 2020 – DECEMBER 2020

SENIOR C/C++ DEVELOPER & FUNCTION OWNER, LUXOFT

Hard Skills: C/C++11, OOP/OOD, Assembly, r2, Hydra, STL, RTOS, Linux, Yocto, git, gtest, CMake, Multithreading

Soft Skills:
- Work in multiple teams at the same time
- Perseverance

Responsibilities: Development of Linux kernel drivers, Graphical library Design & Development, Researching, Reverse Engineering

Achievements:
- Our small R&D team made "impossible" and ported VPU kernel driver from RTOS to Linux
- Designed SW Architecture for CI Test Framework
- Designed SW Architecture for IVI Logging Framework

Customer: Luxoft

AUGUST 2019 – JANUARY 2020

C/C++ DEVELOPER & FUNCTION OWNER, LUXOFT

Hard Skills: C/C++11, OOP/OOD, STL, RTOS, Linux, git, gtest, CMake, Multithreading, Algorithms & Containers, plantuml

Soft Skills:
- De-escalation of conflicts between teams
- Leadership in Prioritization

Responsibilities: Development of business logic for Automotive Persistence and Security modules, Design & Development of multithreading components, Execution time & Memory optimizations. Feature estimations and risk analysis as Function Owner of Persistence domain.

Achievements:
- Designed SW Architecture for Tuner image DB controller rework
- Optimized algorithms of file system traversing

Customer: Volkswagen AG

AUGUST 2018 – AUGUST 2019

C/C++ DEVELOPER, LUXOFT

Hard Skills: C/C++11, OOP/OOD, STL, RTOS, Linux, git, SVN, gtest, CMake, Multithreading, Algorithms & Containers, plantuml

Soft Skills:
- Leadership in problem solving
- Negotiations of responsibility areas

Responsibilities: Development of business logic for Automotive HMI, API Design & Development, Communication with customer online and on-site during workshops

Achievements:
- Designed SW Architecture for HMI analog/digital stream controller
- Designed SW Architecture for HMI input controller
- Designed SW Architecture for HMI debugger

Customer: Skoda Auto a.s.

AUGUST 2017 – AUGUST 2018

JUNIOR C/C++ DEVELOPER, LUXOFT

Hard Skills: C/C++98/03, Lua, python, OOP/OOD, STL, git, RTOS, CMake

Soft Skills:
- Networking in a new environment

Responsibilities: Development of business logic for Automotive HMI, API Design & Development

Achievements:
- Automated UI markup creation process
- Integrated Projections (CarPlay, Android Auto) and Camera streams into HMI
- Implemented personalization profiles feature for HMI domain

Customer: Panasonic