Zhaolin (William) Zhang

Software Engineer

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Profile

An adept DevOps engineer with expertise in software products and CI/CD pipelines, having worked on significant projects in development and maintenance.
With 16+ years of unwavering dedication to the telecom industry in both RAN and core network domains, granting me a comprehensive understanding of tele operator service.

Experience

ERICSSON RAN TRANSPORT FUNCTION | Software Developer
July 2021 – Current | Stockholm

- → Created switched backhole feature in RBS Transport Function in design, test and delivery.
- → Performed refactor of TF TestNG module for multi-ports support.
- → Issued StreetMacro 6705 integration and delivery in Transport Function.

ERICSSON PACKET CORE 5G | Gateway Developer
December 2019 – July 2021 | Stockholm

- → Leaded TLS implementation on Redis cluster in design, test and delivery.
- → Created SM-Controller ISP event for accuracy cluster behaviour monitoring.

ERICSSON IP MULTIMEDIA SUBSYSTEM | MTAS Developer
September 2017 – December 2019 | Stockholm

- → Provided 24×7 emergency line support by negotiating and resolving problems with customer products and equipment.
- → Responsible for maintenance and troubleshooting issues on MTAS SIP framework on 3G, 4G and 5G.

ERICSSON DIGITAL SERVICE | eMBMS senior Developer
January 2010 – September 2017 | Shanghai, China

- → Leaded whole feature development and maintenance of BDC (Broadcast Delivery Center) system in eMBMS product.
- → Joined on-site embms 15A upgrade support for U.S. Verizon in Dallas and Detroit.
- → Provided 24×7 emergency line support for BMC and BDC by troubleshooting and restoring with customer products for Verizon, U.s. and Telstra, Australia

STREAMEZZO (AMDOCS) | Operation and Maintenance Engineer
September 2009 – January 2010 | Shanghai, China

- → Leaded whole feature development and maintenance of BDC (Broadcast Delivery Center) system in eMBMS product.

HUAWEI | Java Developer
September 2007 – September 2009 | Shenzhen, China

- → Responsible for Huawei RTSP steaming system integration with F5 Load Balancer.
- → Provided on-site HMS (Huwei Media Streaming) system customization and upgrade support for Visafone, Nigeria.

Skills

PROGRAMMING

Proficient:
C++ • JAVA • Shell • Python SQL • HTML

Familiar:
Go • R

LIBRARIES/FRAMEWORKS

Protobuf • Boost • TestNG • Ericsson ADP

TOOLS/PLATFORMS

Git • Jenkins • Valgrind • Redis Kubernet • Docker

BIG DATA

Pandas • Sklearn • Hadoop Oracle • Sqlite

Education

NORTHEASTERN UNIVERSITY
June 2003 - July 2007 | Shenyang, China
Bachelor of Engineering
Software Engineering