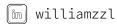
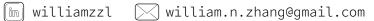
# Zhaolin (William) Zhang

# Software Engineer



williamzhang.netlify.app







#### **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 UNIVER-SITY

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