Selahaddin Islamoglu

Experienced Software Engineer with over 7 years of expertise in developing communication applications, firmware, and software solutions. Demonstrated proficiency in collaborating effectively with diverse international teams. Highly skilled in C programming for Linux and RTOS platforms.

islamogluselahaddin@gmail.com
+90 543 934 00 53
linkedin.com/in/islamoglus

Education

Bachelor of Science
Electronics Engineering
Istanbul Technical University
Turkey | 2009 – 2014

Key Skills

C programming
Internet of Things
Communication Protocols
Embedded Systems and Linux
International teamwork
Problem Solving
Target Oriented
Reasoning

Competences

C, Go, Git, GNU/Linux, RTOS
FTP, HTTP, MQTT, LwM2M
OneM2M, NETCONF, SNMP
RTCP, RTP, SIP, WebRTC
STUN, TURN, VoIP
TCP, UDP, TLS, DTLS, ICMP
GDB, SQL, Wireshark
Docker, OpenSIPS

Software Design Engineer @ **Orion Innovation**
July 23 – Present

Contact Center ACD: Employed by Orion to develop Avaya VoIP solutions. Engaged in close collaboration with international teams. Addressed feature bugs throughout the production phase. Enhanced OpenSIPS call processing logics. Developer analytics features for billing purposes. Utilized C++ programming to develop user-space Linux applications

Senior Firmware Engineer @ **CAVLI Wireless**
July 20 – Aug 21 | COVID Disease Break | Jun 22 – Nov 22

Cellular IoT Modules: Enhanced communication capabilities and implemented communication protocol APIs, including FTP, HTTP, MQTT and SNMP. Collaborated closely with international teams. Successfully integrated these features into separate modules with diverse nfrastructures. Utilized C for programming to develop user-space Linux and RTOS applications.

Software Design Engineer @ **NETAS Telecommunication**
Aug 15 – Dec 17 | Military Service Break | Aug 18 – Jun 20

WebRTC – SIP Gateway: Employed by Netas to develop Ribbon VoIP solutions. Developed RTP media transportation layer capabilities and performance enhancement. Worked with communication protocols such as SIP, WebRTC, STUN, TURN, RTP, and RTCP. Implemented media layer modules for user space Linux applications using C programming. Gained experience in Java by contributing to the development of signaling modules for the gateway.

Multi Access EDGE Computing Gateway: R&D project; Participated in edge gateway module implementation for the newly announced MEC standard. Developed a NETCONF configuration module for efficient configuration management. Used C to develop user space applications on Linux

OneM2M IoT Gateway: R&D project; Participated in gateway module implementation for the newly announced OneM2M standard. Developed registration and data storage algorithms and created. Used C to develop user space applications on Linux.