

CURRICULAM VITAE

MAULIK USDAD

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Tent Bannerghatta Road,
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Career Objective

Proficient Engineer in 5G NR core Testing and Documentation 5G core development along with capability of solving complex issues while consistently delivering quality throughput. Seeking a challenging position where I can explore, enhance and use my skills & experience for mutual growth and benefit.

Professional Experience

Company: ACL Digital

Designation: Software Trainee Engineer

Duration: 1st Dec 2021 – Till Date

Project: Working on Intel-SGX

Job Description:

Testing the 5G core network and working on the DPDK server running control plane and data plane functions established the communication between UERAN and 5G core functions. for providing end to end security to the 5G core network enable the service mesh and Tested with SGX (software guard extension) the 5G core network.

Also testing the magma with service mesh and mTLS to ensure that two parties at each end of a network connection are who they claim to be by verifying that they both have the correct private key.

Role and Responsible:

- Testing to control plane and data plane of the magma setup.
- Understanding and Analysis of the 5G core functions.
- Hands-on experience of the magma setup and implements.

Tools: Wireshark, mobaxterm

Technical skill

Programming Language	C Programming, C++, Data structure, Embedded C.
Communication Protocols	TCP/IP, UART, SPI and I2C.
Microcontroller & Hardware	8051
Operating System	Linux

Extra-Curricular

- Strong people and project management skills.
- Able to realistically judge project time and deliver on schedule.
- Natural leader able to motivate others effectively.
- Quick Learner, Self-motivating/starter requiring little resource overhead.
- Maintains a good communication and contact with Counter Part and Vendor Company teams related to projects.

Academic Profile

Distinction in Bachelors of Electronics and Communication

Examination	Discipline/ Specialization	School/College	Board/University	Year of Passing	Percentage
Bachelor of Technology	Electronics and Communication Engineering	Government Engineering College Bhavnagar	Gujarat Technological Board	2021	6.87 CGPA
Intermediate	Maths+Physics +Chemistry	Tapovan Scince School Rajkot	H.S.C	2017	68.38 PR
10 th Class	S.S.C	Ranpur High School	S.S.C	2015	91.66 PR

Certification

Advance Course in Embedded System Vector India Institute, Bangalore – April 2021 to December 2021.

Pursued training on embedded systems and programming, Covering C Language, C++, Data structure, Embedded C. Protocols like CAN, SPI and I2C. Linux system programming, Linux Thread and their Synchronizations, Process and IPC mechanisms, Microcontroller 8051.

Current Employer

Employer : ACL(Alten Calsoft Labs) Digital
Designation : Software Engineer
Location : Bangalore
Experience : 1.5 + Year

Personal Profile

Name : Maulik Usdad
Date of Birth : 5th feb,2000
Gender : Male
Marital Status : Single
Languages Known : English, Hindi, Gujarati.

Declaration:

I hereby declare that the information provided above is true to the best of my knowledge.

PLACE: Bangalore

(Maulik Usdad)