Job Description

Maxlinear is disrupting the broadband communications space by creating products that enable an unprecedented experience of digital delivery at home and small offices. We are redefining the home network technology to meet the present and future need for data speed, performance, security and reliability.

Maxlinear is looking for Linux software developers to join our journey in building next generation broadband products. Seeking applications from curious engineers who are passionate about building great technology products.

Job Title
Senior/ Engineer
What you will do

- Build next generation broadband access and home networking products.
- Participate in full development life cycle including pre-silicon development phase.
- Architect and design system software for performance, security and scaling.
- Work on low level software stack development and testing
- Develop virtualized and containerized software services.
- Develop home network observability and analytics solutions.

Must Have Skills
- Strong problem-solving capabilities
- Excellent programming skills preferably in C/C++ , JAVA or Python, Matlab highly desirable
- Excellent communication and presentation skills.
- Excellent interpersonal skills and a good team player.
- Willingness to learn and experiment with new technology.
- Thriving in a Fast-Paced, Ever-Changing Environment

Desirable Skills
- Knowledge on RTOS
- Basics of signal processing and communication systems is highly desirable
- Some knowledge of serial communication protocols like UART, SPI is highly desirable
- Should have good understanding of networking & digital communication theories. The person should be able to understand different protocols/algorithms and develop and maintain them in SW in the most optimal way.
- Capability to understand system design including all kinds of peripherals etc. and work with Systems engineers to bring-up, develop & debug System platforms

Education
- BS/BTech/BE/MTech in Computer Science/Electronics

Eligible Branches

- ☑ B. Tech (Computer Science & Engg) - https://vit.ac.in/sites/default/files/scope/B.Tech_CSE_2019_2020.pdf

- ☑ B. Tech - Computer Science and Engineering with Specialization in Information Security - https://vit.ac.in/sites/default/files/scope/B.Tech_CSE_IS_2019_2020.pdf

- ☑ B. Tech. Computer Science and Engineering with specialization in Networking and Security - https://vitap.ac.in/wp-content/uploads/2022/02/B.Tech-Computer-Science-and-Engineering-with-specialisation-in-Networking-and-Security.pdf

- ☑ B. Tech (CSE specialization in Cyber Security and Digital Forensics) - https://drive.google.com/drive/folders/1PfkChy7G2yU_dahpmmofCOisl03Ytz7U?usp=sharing

- ☑ B. Tech.(Information Technology) - https://vit.ac.in/sites/default/files/site/B.Tech-IT-Curriculum-Syllabi-2018-2019.pdf

- ☑ B. Tech - Electronics and Computer Engineering - https://chennai.vit.ac.in/files/AY_2019-20_BLC_24-06-2020%20Curriculum%20website%2010%20Aug%2021.pdf

- ☑ B. Tech (Electronics & Communication Engg) - https://vit.ac.in/sites/default/files/sense/AY_2019-20_BEC.pdf

- ☑ B. Tech (Electronics and Communication Engineering with Spec. in IoT and Sensor) https://vit.ac.in/sites/default/files/BIS-2018-19.pdf

- ☑ B. Tech (ECE with specialization in Embedded systems) https://vitap.ac.in/wp-content/uploads/2022/02/B.Tech-Electronics-and-Communication-Engineering-with-specialisation-in-Embedded-Systems.pdf

- ☑ B.Tech. Electronics and Communication Engineering with Spec. in Sensors and Wearable Technology. https://vit.ac.in/sites/default/files/AY-2018-2019-ECE-BSW.pdf

- ☑ B. Tech (Electronics and Communication Engineering with specialization in VLSI) - https://vitap.ac.in/wp-content/uploads/2020/02/BTECH-ECE-VLSI.pdf

☑ B. Tech (Electronics & Instrumentation Engg) https://vit.ac.in/sites/default/files/select/AY-2019-2020-EIE.pdf

☑ B. Tech (Electrical & Electronics Engg) https://vit.ac.in/sites/default/files/select/AY-2019-2020-EEE-Syllabus-book-without-SLO.pdf

☑ M.Tech (Software Engineering (5 Year Integrated Programme)) - https://vit.ac.in/sites/default/files/site/M.Tech-SE-Curriculum-2019-20.pdf

☑ M.Tech (Computer Science & Engg.) - https://vit.ac.in/sites/default/files/scope/M.Tech(CSE)_2021_2022.pdf

☑ M.Tech (CSE with Specialization in Information Security) - https://vit.ac.in/sites/default/files/scope/M.Tech(CSE)-IS_2020_2021.pdf

☑ M. Tech (CSE specialisation in Cyber Security and Digital Forensics) - https://drive.google.com/file/d/1a_dXfDNDHcg-mhtfYVqOJrzo4x1UJ-sV/view

☑ M. Tech (CSE with Specialization in cyber physical systems) - https://chennai.vit.ac.in/files/M.Tech%20CSE%20CPS%20Curriculum%20and%20syllabus%20(2020-2021)%20without%20SLO.pdf

☑ M.Tech (Communication Engineering) - https://vit.ac.in/sites/default/files/sense/AY-2021-2022-MCE.pdf

☑ M.Tech (Embedded Systems) - https://vit.ac.in/sites/default/files/sense/MES-2021-22.pdf