

Dear Job Aspirant,

We wish to connect with you for below position of **Senior Software Engineer (Embedded)**

If you find the below opportunity is suitable to profile & you interested to enter in Core Technical / Innovative workforce so, please share your updated CV along with following details to [<ta@unidel-group.com>](mailto:ta@unidel-group.com)/[<Recruiter email id>](mailto:ta@unidel-group.com)

- Designation: Senior Software Engineer (Embedded)
- Qualification: Degree level qualification, or equivalent work experience
- Location: Pune
- Experience: 5-8 years

#### Company Profile :

- Unidel is founded in 1973 and is focused on sectors being reshaped by automation. The vision is to be a Digital Transformation group across Buildings, Factories, Wealth and Skilling.
- Get to know more at [www.unidel-group.com](http://www.unidel-group.com)
- Softdel (A UNIDEL company) is a specialized technology company that partners with global industry players to engineer smart and connected products to power the “Internet of Things (IoT)”. Softdel’s dedicated team of 150+ professionals provide software products, engineering services, and product design consulting across various service lines including Digital Factories, Digital Buildings & Lighting, Digital Wealth and Digital Skilling.
- We are on the journey of becoming Transformation Partners to Global Enterprises by leveraging the power of next- gen Digital Solutions and aiming to be a \$23 Million company by 2023-24.
- Learn more at [www.softdel.com/careers/](http://www.softdel.com/careers/)

#### JOB Description:

This is highly visible and critical role, candidate will be part of the Software Development Team and responsible for architecture, design, implementation and quality of software and drivers.

The candidate will be responsible for specifying requirements, writing design documents, architect solutions and implement software for pioneering wireless SoCs, debug both system-wide and component level issues on target HW and simulation.

The position requires high level thinking to devise code solutions with low level programming and excellent communications and leadership skills, with the ability to work in a fast paced environment.

### **Required Skills and Experience:**

- 5 to 8 years of experience in **Embedded Software Development**
- Extensive experience and proficiency designing, developing and testing **embedded software using C/C++**.
- Strong understanding of **Bluetooth/BLE, Wi-Fi, ZigBee and GSM** wireless communication technologies. In depth knowledge of Bluetooth stack and various Bluetooth/BLE profiles such as A2DP, HSP, GATT.
- Strong knowledge and understanding of **Embedded Controllers and Real-time OS concepts**.
- Knowledge of software stacks/ frameworks including **Bluetooth, Wi-Fi, COAP, MQTT**.
- Experience with micro-controller peripherals including **SPMI, I2C/SMBus, serial port, SPI, and ADC converters**.
- Experience with host interface like **USB, UART, MODBUS, CAN bus, Ethernet, IP networking**.
- Experience in developing **low level driver software for embedded platforms**.
- Excellent software engineering skills, including **driver software design, implementation, validation and debugging**.
- Solid experience on **debugging methodologies (e.g. logging, crash analysis) for real-time embedded systems**.
- Ability to comprehend hardware specifications and schematics.
- Network protocols knowledge **UDP, TCP IP, FTP, Ethernet, Telnet, SNMP, HTTP**
- Ability to write effective and reusable code according to best practices.
- Unit Testing, system testing, Verification and Validation.
- Must be a dynamic, autonomous, and team-oriented individual.
- Demonstrated innovative, critical thinking and troubleshooting skills
- Strong communication and interpersonal skills. Excellent collaborative skills.
- Ability to work in multi-disciplinary teams and to present complex technical topics to a multi-level audience

### **Good to have/Responsibilities:**

- Experience writing scripts in languages such as Python, Perl, or Tcl.
- Hands on experience with test equipment including scopes, analysers, and multi-meters.
- Experience with development using AWS cloud infrastructure
- Interfacing embedded application with Web technologies, Mobile Applications.
- Understanding, diagnostics, troubleshooting of Cloud/Web based applications
- Responsible for ensuring communication between hardware and software.
- Familiar with software tasks (e.g. launching programs, scheduling) as well as hardware management (memory, processor (s), peripheral (s) etc.)
- Experience and familiarity with version control systems like git, bit Bucket, etc.
- Knowledge of networking and security concepts.

- Design, code and integrate software for an embedded target (applications, drivers, frameworks)
- Improve and maintain existing software components
- Document the projects according to standards (protocols, architecture, technical specifications, ...)
- Assist with the hardware design surrounding the processor

**Note: Please state that this opening is important and will be urgently closed in time so immediate responses to [ta@unidel-group.com](mailto:ta@unidel-group.com) are highly appreciated.**

Regards,

HR Team – Softdel Systems

Email: - [ta@unidel-group.com](mailto:ta@unidel-group.com)

Website: - [www.softdel.com](http://www.softdel.com)