



**DRI Corporation**  
4018 Patriot Drive, Suite 100  
Durham, NC 27703  
[www.digrec.com](http://www.digrec.com)

## OPEN POSITION

### **SOFTWARE ENGINEERING MANAGER**

DRI Corporation (NASDAQ®: TBUS) is a technology leader within the surface mass transportation markets around the globe. For more than 25 years, we've been designing, manufacturing, marketing, and servicing our proprietary line of digital communications and security products for the public transit industry – products that improve the flow, mobility, and safety of people traveling through transportation infrastructure. With corporate offices in Dallas, Texas, we serve our customers through subsidiaries in Durham, N.C., Australia, Brazil, Germany, Singapore and Sweden, as well as a joint venture in India.

We are seeking a Software Engineering Manager to lead a team of Software Engineers to define, develop, and deploy client-server applications and web-based software for intelligent transportation systems (ITS) products for the mass transit market. Activities will span all phases of software development including requirements, design, implementation, validation, release, and maintenance. Participate in product and technology roadmap decisions and in the systems engineering and architecture definition of platforms and products.

#### **The successful candidate will be responsible for the following:**

- Lead the Software team to define, develop and deploy software for client-server, database, and Web-based applications related to vehicle tracking, voice announcements, sign management, vehicle monitoring, and voice and data communications
- Participate in system engineering/architecture activities and lead the platform and product architecture activities for software solutions
- Provide technical leadership to software development efforts both within DRI Corporation subsidiaries and at development partner sites
- Direct department activities to design new products, modify existing designs, and improve testing and deployment techniques
- Execute development projects within budget and schedule, and ensure that released products meet specified criteria for quality
- Functionally manage/lead a team of Software Engineers, including mentoring, career planning and performance management
- Collaborate with management and marketing staff to determine engineering feasibility, cost effectiveness and customer demand for new and existing products

- Provide project management and resource allocation for software development activities across multiple, simultaneous projects
- Analyze technology trends, human resource needs and market demand to plan projects
- Support field trials by installing, testing, monitoring and troubleshooting software at customer sites
- Manage and improve software development processes and tools
- Forecast operating costs of department and direct preparation of budget requests

**We are looking for an individual that possesses the following key competencies:**

- Proven leader with ability to multi-task
- Must be strong in software architecture and platform definition
- Ability to prioritize and deliver products according to stated deadlines and quality guidelines
- Hands-on Engineer not afraid “to get hands dirty”
- Self-starter with ability to multi-task and the ability to work independently and as part of team
- Excellent analytical and problem solving skills
- Organized and detail oriented
- Ability to drive cooperation/collaboration in a team environment
- Effective utilization of productivity tools (e.g., Microsoft® Word®, Excel®, Outlook®, Project®, Visio®, PowerPoint®, etc.)
- Exceptional verbal and written communications and presentation skills with customers, suppliers, and others in the Company
- Excellent interpersonal, organizational, and time management skills
- Proven ability to establish and lead teams to meet aggressive milestones and deadlines
- Must be versatile, flexible and proactive when resolving technical issues
- Must be able to travel both domestically and internationally

**The qualified applicant should have a combination of the following skills and abilities:**

- Bachelor’s degree in Computer Science, Computer Engineering, Electrical Engineering or related field required; a master’s degree is preferred.
- Minimum of 10 years’ experience in software development with at least four years of defining software architectures and platforms
- At least five years’ experience leading a software engineering team
- Expertise in server- and Web-based applications, database design and development, and client-server architectures
- Expertise in CPU and memory architectures, I/O and peripherals, networking (wired and wireless), security and encryption, and multimedia standards
- Experience in successfully managing off-shore development teams is required
- Prefer experience with ITS systems and software (e.g., navigation devices, Telematics, mobile phones, cellular networks, wireless networking, etc.)

- Understanding of the principles and experience with the tools for Requirements Gathering, Configuration Management, Defect Tracking and Resolution, and Task Estimation is required.
- Experience with software development methodologies (e.g., OOA/D, UML, Agile/Scrum) and associated tools (e.g., Rational, iLogix, Telelogic).

Proficiency in the following is a MUST:

- C/C++ Programming Language
- MFC, Visual C++, C#, .NET
- Java, JavaScript, JSON
- NetBeans
- Google Maps™ API
- CVS/SVN
- SQL Server and / or MySQL
- XML
- GUI Development
- Crystal Reports
- NOC Admin (Networking, NAT, Firewall)
- Networking & protocols (802.11, Ethernet, TCP/IP)
- UML

Additional experience in Linux, DB Administration, and shell scripting are highly desirable

Please forward a resume **with salary requirements** to [hr@digrec.com](mailto:hr@digrec.com).

We prefer a resume in a Word format attachment.

No resumes accepted from third parties.

Visit our Web site at [www.digrec.com](http://www.digrec.com).

**DRI VALUES DIVERSITY AND WE ARE PROUD TO BE AN  
EQUAL OPPORTUNITY EMPLOYER**

**M/F/V/H/D**