



Optimal Technologies International Inc. is expanding to become the leader in innovative grid optimization and building automation technologies. Optimal Technologies (US) Inc., a subsidiary of Optimal Technologies International Inc., is seeking experienced professionals with exceptional backgrounds in the design, and implementation of complex optimization, software and hardware systems.

This is an opportunity to be a part of a world-class team in an exciting and extraordinary time of Optimal's growth.

Position: **Senior Developer, SUREFAST Real-time Database**

This is a salaried full time position.

Responsibilities: Responsible for design and development of real-time database and related applications for SUREFAST family of products.

- Transform functional specifications into design specifications.
- Lead a team of 5+ people carrying out the implementation of a high performance, memory-based real-time database.
- Ensure performance and functional criteria are successfully met.
- Follow rigorous implementation processes ensuring applications are robust, maintainable and have the lowest defect density possible.
- Encourage design excellence using best practices and successful design processes.
- Ensure coding standards are followed by team members.
- Ensure proper unit testing is performed on all modules.
- Work with the QA group to develop integrated and functional tests.

Location: Research Triangle Park Area, North Carolina

Compensation: Excellent compensation and benefit plan including participation in bonus, stock option, and stock ownership plans. Compensation is based on experience and performance.

Minimum Qualifications:

- University degree in Computer Science or similar.
- A minimum of 5 years of experience in application development on Linux/Unix.
- Experience creating event-driven, asynchronous applications.
- Very familiar with Unix IPC concepts and available APIs.
- Well acquainted with database concepts and methods of ensuring data integrity.
- Leading product development from concept through to successful release.

- Upbeat and flexible attitude; consistent enthusiasm for working in a fast-paced company.
- Great team player capable of doing independent research into topics when required.
- Strong willingness to learn new technologies and techniques.
- Familiar with unit testing.
- Excellent verbal and written communication skills to interact with other stakeholders and project team members.
- Passionate about code and design.

Candidates with the following qualifications will be given special consideration:

- A postgraduate degree in Computer Science or similar.

Optimal Technologies is interested in inquiries and submittals from qualified candidates for this position. Please send inquiries, resumes, and salary requirements in Adobe Acrobat (pdf) format to surefast-software-careers@otii.com