POSITION AT EXCITING STARTUP IN SANTA CRUZ
SENIOR SOFTWARE ARCHITECT & DEVELOPER

Effective June 03, 2012

Contact at jobs@gridata.com / PO Box 7280, Santa Cruz, CA 95061

Summary:

Gridata is an exciting early-stage start-up looking for the right individual to take over the software architecture of the existing Gridata system, and make it their own. The essential components of the system have been in development for nine months, and it is going into production while work on the product roadmap accelerates. This is a fantastic opportunity for a creative, disciplined, and highly organized individual looking to tackle a focused, technology-centric business model, early enough in the life cycle to earn a piece of the company as compensation.

The founder ran a previous consulting startup for over six years, and has led the development of custom data warehouses, analytics, and data mining systems for major utilities for over a decade. The existing contributors are a mix of seasoned business and software professionals and productive university students. The system is a next-generation telemetry platform that has been working in pilot mode for six months, collecting data from sensors in real-time. It processes data for specific criteria, and currently persists it in a highly scalable relational database. The platform contains early implementations and design hooks for functionality that now needs major expansion. This includes online and mobile workflow apps to capture metadata about new sensors and customers; messaging applications to communicate with customers via email and SMS; and configuration applications for users to set preferences, access controls, and reporting preferences.

The business is now signing up new customers and is expected to break even by end of 2012. If you have the chops, this is the opportunity to get in early and get compensated with generous options. We look forward to meeting you.

Technical Profile:

- 5+ years of increasing responsibilities from coding applications to developing enterprise-grade architectures.
- Able to interface well with internal business team, QA, software engineers, and professional services.
- Love for working with diverse development teams and organizing workflow (scrums, tickets, tasks, bugs, etc.).
- Resilient and creative in managing under-resourced and over-committed environments and projects.
- Experience with client-server applications, embedded systems, and Linux-stacks preferred.
- Experience with transactional big data, such as SCADA, telemetry, sensor data, and data warehouses preferred.
- Experience with principles of data warehousing, business intelligence, Kimball and Inmon preferred.
- Able to define layers of abstractions, and factor solutions into reusable common components.
- Understand and define architectural and design patterns for highly scalable, secure, reliable, robust, performant, available and maintainable systems.
- Deep understanding of OOA, OOD, OOP, and related data and application architectures.
- Deep understanding and of SOA and supporting technologies and patterns (UDDI, SOAP, REST, WSDL, etc.).
- Extensive experience with at least some of JAVA, J2EE, HTML, JavaScript, JSP, DHTML, and flavors of SQL.
- Experience with Python, Ajax, Perl, Flex, PHP, JSON, Flash, OpenGL, and various toolkits desirable.
- Experience with privacy and security technologies and principles.
- BSEE/BSCS or equivalent in Computer Science or related field.