SOFTWARE ENGINEER

VTPL provides comprehensive IT solutions for the mining industry leveraging a 15 years long domain experience. VTPL also provides system integration solutions to Coal India, the world's largest coal company. Our partnership encompasses all IT solutions including open pit mining technology which is responsible for leading solutions and services for production optimization and fleet management.

JOB ROLE

The duties of a software engineer are wide-ranging and must demonstrate a blend of technical skills and responsibility. The subject matter of the software engineer is the Fleet Management System (FMS) and the way people use the system on the mine. This entails knowledge of operating systems and FMS applications, as well as hardware and software troubleshooting, but also knowledge of the purposes for which people in the organization use the applications. He must understand the behaviour of the software in order to deploy, maintain and troubleshoot it.

QUALIFICATION AND EXPERIENCE

Minimum Graduate / Diploma in Science / Computers / Electrical / Electronics / IT or equivalent. Microsoft certification on Server Operating Systems. Work experience on MS SQL or any database and any Vehicle tracking system or similar with at least 1-year experience. Previous experience of working on any Fleet Management System or knowledge of mining operations will be preferred.

KEY RESPONSIBILITIES

1. Required to get familiarized with the structure of FMS database.
2. Should learn to run the reports using FMS DB Client.
3. Needs to maintain and configure mine description tables.
4. Maintain and verify transaction tables.
5. Run an inquiry using FMS DB inquiries.
6. Edit the database using Graphical Database Editor.
7. To configure the look of the application used by dispatchers.
8. To manage, edit and update the haul routes & beacons correctly for the full haul cycle.
9. To manually change the status, poll equipment for real time position, to do playback of GPS dot traces in FMS software and move or assign fleet to different locations.
10. To configure and reimage the On-board industrial computers and network radios.
11. To troubleshoot the devices in case of any connectivity issues.
12. Escalation and call logging to different vendors, in case of hardware and software failure and co-ordinate between the customer and the different stake holders for resolution of issues.
13. In case of system crash, restore of the system from backup or building up the system from scratch.