Dear Hiring Manager,

I am writing to express my interest in the Data Engineer Specialist position at Rio Tinto in Boron, California. With over five years of experience designing and supporting production-grade data pipelines using Python and SQL, I am excited about the opportunity to apply my data engineering skills to solve practical, real-world analytics problems within Rio Tinto's Mine Technical Services team.

In my current role as a Data Engineer at eBay, I design and maintain Spark-based batch pipelines that process large, multi-source transactional and behavioral datasets for daily analytics and operational reporting. I work closely with analysts and business users to translate data requirements into reliable, analytics-ready datasets that support recurring decision-making workflows. A key part of my work involves implementing incremental and idempotent processing patterns, introducing data quality checks, and continuously improving pipeline stability and data freshness—ensuring data products are dependable for time-sensitive use cases.

Previously at Oracle and Verizon, I supported enterprise-scale ETL workflows and business intelligence reporting, developing optimized SQL and Python transformations for recurring operational and business reports. I have extensive experience preparing data for Power BI dashboards, improving batch job predictability, and performing data validation and reconciliation to support confident decision-making by business and operations teams. Across roles, I have worked in hybrid data environments spanning Hadoop ecosystems and AWS, and I am comfortable supporting production workloads in Linux-based systems.

What particularly draws me to this role at Rio Tinto is the opportunity to work closely with engineers, geologists, and technical stakeholders to deliver data solutions that have a direct operational impact. While my background is not in mining, I bring strong analytical problem-solving skills, a practical engineering mindset, and a proven ability to quickly learn new platforms and business domains. I am especially motivated by roles that require close collaboration, continuous improvement, and hands-on ownership of data solutions— qualities that strongly align with this position.

I would welcome the opportunity to contribute my data engineering expertise to Rio Tinto's Borates business and to grow within an environment that values innovation, collaboration, and operational excellence. Thank you for your time and consideration. I look forward to the opportunity to discuss how my experience can support your team.

Sincerely,
Sravan Kumar Neetikonda