POSITION DESCRIPTION

POSITION TITLE	Application Developer
SALARY RANGE	$70,000 to $85,000
SUPERVISORY RESPONSIBILITIES	Nil
EMPLOYMENT TYPE	Full Time / Part Time (Flexible Hours)

BACKGROUND

TrackOne Studio is a boutique software development studio, based in Brisbane, which designs, develops, and supports comprehensive learning analytics solutions for independent Primary and Secondary schools.

Learning Analytics is the process of using school data, statistical analysis, and modelling to gain insights into student and school performance.

POSITION OBJECTIVES

Under the direction of the Director (Application Development), design, develop, and maintain proprietary web based applications (full stack development) using technologies such C#, and .Net , while using appropriate practices for requirement gathering, application development, version control, change management and release management.

KEY ACCOUNTABILITIES

- Collaborate with other software developers, to plan, design, develop, test, and maintain web-based business applications built on Microsoft technologies;
- Design, develop and maintain efficient, reusable, and reliable code;
- Ensure the best possible performance, quality, and responsiveness of TrackOne Studio applications;
- Package and support deployment of releases;
- Identify bottlenecks and bugs, and devise solutions to mitigate and address these issues;
- Assess opportunities for application and process improvement to share with team members;

- Help maintain code quality, organization, automatization, and documentation;

- Provide third-level support to clients.

- Actively participate in team meetings through sharing ideas and contributing to discussion.

- Ensure fair, ethical and professional work practices.

- Maintain compliance with relevant legislations and TrackOne Studio policies and procedures, including equity and health and safety and exhibit good practices in relation to same.

SELECTION CRITERIA

Essential:

- Completion of a Bachelor's degree in Information Technology (or relevant subject area) or an equivalent combination of relevant experience and/or education/training.

- Experience in the design, implementation, and maintenance of web based applications (minimum of 3 years professional experience).

- Strong knowledge of the .NET framework and proficient in C# (with a good knowledge of their ecosystems).

- Demonstrated knowledge of relational databases, development tools, modern system development methods and software quality practices.

- Familiarity with Microsoft SQL Server.

- Demonstrated analytical and problem solving skills in data analysis and application design.

- Demonstrated ability to communicate effectively with a variety of clients in written or oral form.

Desirable:

- Proficient understanding of code versioning tools such as Git;

- A strong knowledge of CSS, JavaScript, and other web based technologies;

- Experience working within the educational sector;

- Experience with data and data analysis solutions;