

Technical Architect / Database Designer
Christa McAuliffe Academy / Achieve Online, Inc.
JOB DESCRIPTION

RESPONSIBLE TO: CEO, Technology Director

FUNCTION:

The Technical Architect serves, as the central connection point between various stakeholders in the development and maintenance of new and existing web and local applications that serve the administrative and educational needs of Achieve Online, Inc. The Technical Architect articulates and promotes the vision and philosophy of the school in regards to the Internet (web) presence; application development and improvement; and data collection, analysis, and dissemination.

AREAS OF RESPONSIBILITY

1. Assist Technology Director in the formation of strategic plans, logical goals, and timelines for developing new or improving existing applications and tools used by students and staff to meet the needs of the program.
2. Translate design concepts from other teams into intuitive application interfaces consistent with research-based User Interface best practices.
3. Provide seamless & systematic integration for all services and departments with Database Technologies.
4. Create logical data models and corresponding databases as needed in compliance with accepted normalization and design practices.
5. Collect, mine, analyze, and communicate system data with various stakeholders as needed.
6. Blend visual design and graphic arts skills with current technologies and computer applications to create electronic & paper documents to meet the needs of the Administration Team.
7. Assist in the development of guidelines and processes for the implementation of an integrated student records management system.
8. Participate in collaborative activities and projects involving mentors and other staff.
9. Work effectively with staff and the Chief Academic Officer as part of the Administrative Team.