

Enterprise Architect

## **Company Description**

Education2020 helps school districts provide core and elective instruction in a virtual school setting for students in grades 6–12. Our courseware is aligned to state and national standards and has helped students recover and accrue credits for graduation and prepare for state, end-of-course, and key standardized tests since 1998.

With our web-based model, teacher-led video delivery, and proven instructional approach, e2020 offers some of the most engaging and individualized instruction of any virtual school solution available today. It combines best-practice pedagogy with next-generation technology that enables your school to customize content and settings while providing an opportunity for students to learn at their own pace and make meaningful academic gains.

## **Job Description**

The Enterprise Architect is challenged with taking Education2020's business strategy, defining a reference architecture to support that strategy and working with the software engineering team to deliver on the vision. This is a key role, and this individual will be instrumental in incrementally transforming Education2020's core product over the coming years. The Enterprise Architect should be a keen technologist with a proven track record of delivering well-designed, scalable, extensible, and highly maintainable products.

## **Responsibilities**

Shape the design architecture based on strategic business and operating models

Develop principles, strategies, and frameworks

Ensure standards and framework compliance across the business

Develop and maintain strategic and technology roadmaps

Develop and maintain a strategic vision for the delivery of a variety of solutions based on key business drivers

Provide advice on strategy to management team

Liaise with engineering team to develop standards

Produce models to describe the artifacts, principles, frameworks, and strategy

Lead the development of capabilities in all facets of strategic and tactical implementation from conception to post deployment

Work with software engineering team to develop a realistic plan to deliver on the overall strategic vision

Provide forward-looking strategies in relation to embracing new technologies and their application within the e2020 technology landscape

Collaborate with the software engineering team to develop proof of concept and/or design prototypes to demonstrate in real terms the feasibility of proposed technology solutions

Participates in project and design reviews to evaluate and ensure that the design being applied meets policies, principles, and standards

Reviews and aligns product choices to avoid redundant effort and ensure that enterprise architecture standards are met

## **Requirements**

The ability to identify and describe the relationship between artifacts (Artifacts are a description of a collection of entities that describe an enterprise. These entities include business functions, business process, organizational structure, business systems, computing capabilities, and technical infrastructure.)

Excellent written and oral communication skills

Broad knowledge of business process including disaster recovery, business continuity, and risk management

Demonstrated knowledge of EA frameworks such as TOGAF or FEAF

Demonstrated ability to communicate and influence at all levels

Knowledge and understanding of corporate policy

Ability to produce effective strategies and design principles

Ability to think laterally and constructively question established process

Strategic thinking

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Knowledge and understanding of business process, objectives, milestones, and structure

Strong technology background encompassing C#, .Net, SOA/Web Services, ASP/AJAX, SQL Server, high volume applications, and legacy application transformation

Solution architecture experience on at least two or three large/complex systems

Experience in Cloud computing, SaaS/Cloud based solutions (Big Data/NoSQL desirable)

Social computing and mobile applications

Agile/Scrum experience

Strong customer-facing skills

M.Sc. in Computer Science or B.S. and equivalent experience

Equal Opportunity Employer, M/F/V/D, and a member of E-Verify