



Solution Architect

Who we are

Focus Edumatics is a leading ed-tech company that has been offering innovative solutions in the fields of online tutoring and e-learning for more than 15 years. It is a place that creates technology-driven solutions to everyday practical challenges faced in education delivery to improve the teaching-learning process. The company's B2B client base includes universities, publishers, and corporates across the US. Currently, the company caters to 1000 + schools and 300,000 students. We empower individuals to solve, create and deliver adaptable solutions. Here is an opportunity to join our dynamic team and build your dream career.

About the role

We are looking for an experienced Solution Architect to make intuitive high-level decisions for software development. In this role you will be responsible for making design choices, coordinate, and oversee technical standards, including software coding standards, tools, and platforms. As a Solution Architect, you will see the “big picture” and create architectural approaches for building scalable next-generation software applications to guide the development team.

What you will do

- Collaborate with the Product Manager, the Engineering Manager and business stakeholders to determine functional and non-functional requirements for new software or applications
- Utilize tools, technology and various methodologies to create functional and intuitive solutions for user interfaces of desired products
- Account for possible project challenges on constraints including, risks, time, resources, and scope
- Develop high-level product specifications with attention to system integration, feasibility, quality, security, extensibility etc.
- Define all aspects of development from appropriate technology and workflow to coding standards
- Effectively communicate all concepts and guidelines to development team
- Oversee progress of development team to ensure consistency with initial design and monitor progress of the initiatives
- Provide technical guidance and coaching to developers and engineers
- Ensure software meets all requirements of quality, security, modifiability, extensibility etc.
- Work with the IT function in the company to determine needs for new software, hardware, platforms, and applications
- Approve final product before launch
- Analyze current technologies used within the company and suggest and implement new technologies with a long-term vision

Who you are

- A Bachelor or Master's degree in Computer Science or Software Engineering or relevant field



- 10-15+ years of good hands-on experience in designing, developing, testing and deploying large scale web applications with Microsoft stack (Visual Studio, ASP.Net MVC, C#).
- 5+ years of proven experience as a Solution Architect or similar role
- Familiarity with most of the following technologies: Entity Framework, WebRTC, SignalR, TTS, CDN, Redis, Edge Computing, Test Driven Development, Selenium, BI tools, TensorFlow, Keras
- Should be able to architect solutions catering to cross-platform web, desktop and mobile solutions using loosely coupled architecture, including offline use and auto-sync capabilities
- Knowledge of design principles like Dependency Inversion, Interface Segregation Principle etc.
- Excellent knowledge of UML and other modelling methods
- Familiarity with HTML/CSS, JavaScript and UI/UX design
- Experience developing IT and cloud infrastructure
- Expert understanding of best practices regarding system security measures
- Experience in software engineering and design architecture
- Good knowledge in performance, scalability, and reliability aspects of software solutions
- Ability to design and implement larger research and proof of concept projects using rapid prototyping/scaffolding as an individual contributor
- Strong work ethic and a desire to help drive a successful architectural vision across the projects
- Sound analysis, problem resolution, team building, judgment and decision-making skills required
- Excellent presentation, written and verbal communication skills required
- Prior experience of a product startups in education technology sector is a plus

Interested?

If you are interested, please drop us an email to careers@focusedumatics.com along with your CV and a brief cover letter on why you are interested in this position.