



PRINCIPAL SYSTEM ARCHITECT

WHY WORK WITH EDULOG?

EDULOG is a world leader in Student Transportation Systems and we are growing! We have a passion for technology, customer commitment, and innovation. Right now, we are seeking a Principle System Architect to become a key part of our Education Transportation Framework team at our new office in Austin, Texas. The ideal candidate is experienced with designing, prototyping and building technology-driven products and should have extensive experience with big data or analytics projects using tools like Hive, Hadoop and Spark. This is an exciting opportunity to enhance your System Architect career while changing the student transportation systems landscape of North America and the Middle East with cutting edge technology. EDULOG is a dynamic company that fosters a collaborative and creative atmosphere where innovative ideas are encouraged and appreciated.

SUMMARY & OBJECTIVE

This is a strategic technical leadership position responsible for creating a school transportation data model and working with cross functional teams located in the US and Vietnam. The successful candidate will bring not only an abundance of experiences in technologies, but an abundant curiosity to innovate. You're comfortable writing code in Java & .Net and you possess a keen sense for code quality, scalability and performance. You have the experience and perspective to not only design the technical architecture for an individual project, but to also to ensure that interacting projects fit well together in the overall architecture of an enterprise framework. The Principal Architect will mentor team members in areas where you are a subject matter expert, and the team will support you toward professional growth and new technologies learning.

PRIMARY FUNCTIONS

- Provide technical guidance in product design and development activities.
- Assist in Product Roadmap maintenances and upgrades.
- Lead design reviews and recommend product improvements.
- Provide support in all phases of Product Development Lifecycle (PDLC) and commit to deliver high-quality products.
- Provide trainings and mentor Engineers when required.
- Analyze and troubleshoot product issues within short timeframes.
- Develop useful and effective technical solutions to meet business requirements.
- Assist in risk assessment and mitigation activities.
- Recommend new technologies to ensure quality and productivity.
- Assist in technical audits and make sure to implement audit recommendations.

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- Make business presentations to management when needed.
- Work with QA team to prepare test cases, plans and procedures.
- Utilize at least one of the commonly-used methods, notations and tools (e.g. Rational Suite, System Architect, UML, others)

EDUCATION REQUIREMENTS & QUALIFICATIONS

- BSCS/BSEE or equivalent required with a minimum of twelve (12) years of progressive experience in a software development capacity, or MSCS/MSEE with a minimum of ten (10) years progressive experience preferably in a software engineering environment.
- Knowledge of and experience working with Machine Learning.
- Knowledge of and experience working with the data lifecycle in big data environments.
- Ability to quickly and effectively build trusting relationships with culturally diverse people, engaging a collaborative work style.
- Effective interpersonal, verbal and written communication and presentation skills.
- Team-oriented personnel management leadership experience.
- Proven ability to work independently and drive results.
- Strong business acumen demonstrating sound judgment and decisive action supporting both business and technology perspectives.

TO APPLY: Please visit our website at <https://www.edulog.com/employment/> for application instructions.

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