

Technical Architect (10+ years)

Artificial Learning systems (Artelus) is a 20 month young company, bootstrapped and working in the Deep Learning space to solve healthcare problems. The company seeks to make products, which would complement the knowledge of and assist clinicians in making faster and more accurate diagnoses.

Our team comprises a group of dedicated scientists trying to make the world a healthier place using the latest advances in computer science and machine learning and applying it to the field of medicine and healthcare.

Artelus is on the lookout for an experienced Senior Software Architect who has a highly competitive and entrepreneurial mindset that is wired with a team-first attitude, has no problem rolling up the sleeves to execute missions, and can modulate between leading and following as needed.

Job Description:

As a Senior Architect, you will work with a team of Product Managers, Designers and Developers to continually build, iterate, and improve the reach of our products. You will also work with multiple project delivery teams to ensure they follow architecture and design best practices as application platforms and applications are built.

You will be working on cutting-edge technology projects for developing affordable healthcare products which will be accessible to those that most deserve them. You will have freedom to set direction of process and technology, and the opportunity to express your ideas across the organization. You will be empowered to drive innovation by coming up with new and exciting ideas to creatively solve issues, as well as proactively look for opportunities to improve the design, interface, and architecture of our products and solutions. Working collaboratively with your team, you will design and build the software architecture, and define the technology to be used in the implementation of products requirements, using your previous expertise and technical knowledge to ensure that the best solution is developed.

If you are enthusiastic and passionate about making the world a healthier, happier place and building innovative and cool software, then this is the job for you.

Desired Candidate Profile:

- Documented experience architecting and building large scale, distributed technology solutions.
- Understanding of cloud-native architectures for distributed computing, containerized micro services, and data processing.
- Experience with automated delivery pipelines (GitHub) is a requirement.
- Experience with cloud-based analytics infrastructures (Cassandra).
- Familiarity with a variety of programming styles (e.g. OO, functional) and in-depth knowledge of software design patterns is a plus.
- Well versed in Python development.
- Familiarity with cloud computing platforms such Amazon Web Services.
- Advanced RDBMS knowledge (e.g. SQL Server, PostgreSQL, and MySQL).
- Familiarity with modern front-end frameworks such (e.g. AngularJS, Backbone, React) is a plus.
- Good understanding of health service sector and Artificial Intelligence would be great to have.
- Confident communicator with demonstrable ability to argue a point concisely and deal positively with conflicting viewpoints.
- Experience providing coaching and mentoring to team members in order to deliver quality service and celebrated solutions to business customers.

- Strong presentation and communication skills with a proven ability to engage and influence both technical and non-technical stakeholders, at all levels of the organization including senior Management.
- Deep experience with enterprise data architecture & enterprise information management.
- Deep understanding of data architectures spanning multiple public cloud platforms (AWS, Azure, Google, etc.), private cloud and on premise data centers.
- Experienced in architecting, designing and building scalable and performant cloud infrastructure for solutions with high availability, extreme reliability, service availability, and patching without service downtime.
- Knowledge of basic compute capabilities including storage, networking and compute in on premise, IaaS, PaaS and SaaS deployment models.
- Experience working at a fast moving and startup type of environment for at least 2-3 years.
- Enthusiasm for continuous learning is a must.

Required Qualifications:

- B.Tech/M.Tech. in Computer Engineering or equivalent field from a reputed University.
- 10+ years of Python, Java and/or C# development experience.
- Proven software architect with at least 7+ years of experience in a similar role

Job Type: Permanent/Contract

Job Location: HSR Layout, Bengaluru

What does working with Artelus mean to you?

- Working in a high energy and challenging environment
- Work with international clients
- Work in cutting edge technologies
- Be a part of an exciting path breaking project
- Great environment to work in-you have full freedom to exercise your skills