Nearshore IT Product Engineering Services

Nearshore outsourcing is a trend that's seen rapid growth especially among software and product engineering companies. Some companies need more collaboration and communication between teams on regular basis. As such, they need outsourcing partners that are near and share a similar time zone, understand the environment well, while still saving on costs. Nearshoring is the solution to this challenge.

Nearshoring has plenty of benefits. Here's why.

Short travel time to partner locations:

In nearshoring, the partner doing the outsourced job is nearby. This greatly reduces the amount of travel time. Nearshoring helps organizations quickly and more effectively evaluate the abilities of their outsourcing partner. In addition to that, because both organizations are within easy reach of one another, firms can determine if a potential collaborator is the good fit. The option of in-person visits nearshoring offers provides the opportunity to engage with multiple stakeholders of the organization. And, the new normal is working remotely during these Covid-19 circumstances.

Similar time zones:

Nearshoring means companies are outsourcing their work to partners in countries not too far away from theirs. One advantage of both companies being withing close proximity is that they share similar time zones – offshoring involves working with organizations in a different time zone. With nearshoring, supervisors of external teams can collaborate seamlessly without having to keep odd time schedules.

Seamless Integration with Internal Development Teams:

Companies within the same geographical location share certain similarities in terms of expertise, culture, and language. As such, the external teams are often familiar with the systems and applications of the internal team. This situation eases the process of integration, communication, and collaboration between the internal and external teams. The result of this is increased productivity and an improved return on investment.

Access to Quality Software Developers:

There is an abundance of top software developers within the United States. However, the labor market for skilled IT people is extremely competitive. Many companies, especially the small software companies, are at a disadvantage. Nearshoring increases the talent pool especially in these times of Covid-19 when everyone is working remotely.

How BigR.io fits into all these

BigR.io is a US based consulting company with its headquarters in Boston. BigR.io empowers its clients to drive innovation and advanced analytics through the use of data. When it comes to nearshoring, BigR.io has deep experience in delivering product engineering services. With our broad expertise and access to a large talent pool of IT consultants, we are perfectly suited for providing your company highly reliable Agile scrum teams and squads for projects from several nearshore locations.

Benefits of engaging with BigR.io:

Multi-location: Our near shore services are available from several locations in Mexico, Brazil, Columbia, Argentina, Costa-Rica and Ukraine. This allows us provide you with access to a large and diverse talent pool for your nearshoring projects.

Accelerate framework and methodology: Our proprietary "Accelerate framework and methodology" offers you access to cutting-edge technologies and a vast talent pool. With our optimized scheduling, resource allocation, insights into sprint metrics and JIRA data, your organization will be able to leverage new market opportunities.

A team of expert and professionals: BigR.io has a team of talented, energetic, and experienced Scrum Masters, Business Analysts, Product Managers, Full stack developers, QA automation engineers, SDETs, and DevOps Engineers recruited from all across the US and nearshore locations. The engineers on our teams bring and share a wealth of knowledge garnered from various areas of technology, practices, and business domains. To top it up, we continuously review the performance of our engineers in order to improve our delivery and performance.

Real-World experience in Healthcare and Telehealth applications: BigR.io provides healthcare and telehealth application development and deployment expertise which you can use to scale your products and services. We provide SMART on FHIR applications, EMR/EHR integrations (Epic, Cerner, Allscripts etc.), Pharmacy and Diagnostic Labs integrations. And we offer SDK development, Microservices, Cloud Engineering, Video Services Integration and data migration from single-tenant and monolithic data architecture to a microservices distributed-data architecture.

But that's not all. We provide you with various skills like: service-oriented microservice architecture, Java Spring Boot, Tomcat, Angular, React, Typescript, JavaScript Dojo, Oracle, Mongo, Redis, Dynamo, Kinesis, AWS and Azure for hosting, Kubernetes for orchestration. In addition to these skills, we offer 100% automated test coverage target, confluence linked designs, code, documentation, and CI/CD using GitLab or BitBucket.

When it comes to application development, we employ DevOps practices as well as automated Test-Driven Development (TDD). We measure several metrics including code coverage, percentage automation, build stability, issue distribution and defect leakage.

Our engineers are experienced on many stacks: NodeJS Stack: mocha, chai, selenium and webdriver. Java Stack: jUnit, Cypress, selenium, webdriver, REST assured, PACT, ELK stack, Athena, GitLab, AWS, Bamboo, Atlassian Suite, Java (Spring Boot) and Javascript (NodeJS, Express) stacks for services.

As a part of our security protocols, BigR.io engineers perform relevant security testing at the application and service level. This security testing is in line with designing and implementing secure solutions (e.g. SSO, auth, token generation/handling, credential handling/storage, OWASP security best practices for development, encryption and proper storage of credentials). Platform level security (at the AWS level, security boundaries, IAM roles, WAF/Firewall/ELB, pen testing, scanning).

Smooth delivery "Accelerated" for projects with quick ramp up within two to four weeks:

We provide a combination of near-shore and US-based engineers to augment your existing engineering teams. The near-shore and offshore resources we provide are within a maximum of a six-hour time difference from the Eastern Standard Time (EST). They can overlap with EST for 70% to 80% of the working day. We have the ability to ramp engineering resources in an "Accelerated" fashion up and down quickly, with a high level of quality, to meet changing client and market demands.

Cost savings, diversity, scalability with highly skilled engineers with top coding skills:

We deliver high quality code in a fast paced onshore and nearshore staff augmentation development model. The experience of our engineers in the technologies mentioned above ranges from three to ten years. We provide our clients with results from an automated coding tests to demonstrate proficiency before being selected for the team. We are experienced in onboarding and the training of additional resources with minimal oversight from clients to ramp up new team members quickly and with high quality. After deployment, the performance assessment is based on metrics of velocity, bugs, skills range, team lead assessment and team fit. Engineers who fail the assessment are replaced and the replacement is onboarded within a week. With our experienced recruitment team, we have a constant pool of talent available for deployment.

Selection process for the engineering team:

Our clients are involved in the process of selecting the candidates that will be on their team. Essentially, as a client, you can be involved in this process in the following ways:
   a) Specification of requirements such as years of experience, tech stacks actively used, etc.
   b) Review of candidate resumes, previous experiences, reference review from previous projects
   c) In-person interviews and technical screening
   d) Online coding tests candidates will be required to pass.

Our experience shows that collaboration is the key to success:

We collaborate closely with the client's project and product managers to understand the details of the engagement. We utilize online communication tools effectively to keep everyone on the same page. Regular informal and formal updates, brainstorming sessions, lunch and learn webinars, and workshops are conducted to create engagement and ownership in the deliverables. Agility is the key with scrum squads, two-week sprints, demos, retrospectives and grooming initiatives. We stay ahead of the curve working towards your success.

Organizations seeking nearshore resources can favorably consider us to provide engineering resources to accelerate the design and development of their next-generation software products and platforms.