

# makeithappen.nyc

## web based sites & applications

### Deciding between an Internal versus an Outside Developer?

Have you considered an outside developer to manage your day-to-day software and improve your current one? MiH is your connection between your legacy systems and the "new." We're here to help you solve the problems with your legacy systems before starting with the "new." 70% of our customers hired us to replace their current tech team in less than a week.

#### Are you experiencing these problems?

1. Does your application keep crashing?
2. Is your system secure?
3. Can your legacy application survive the next operating system update?
4. Can your website be supported by a team other than the original developer?
5. Do you suspect the software was not written well?
6. Are you having problems with your developer?
7. Is your company's data at risk because of a bug?
8. Does your application need to be updated with new hardware?
9. Is your operating system up to date?
10. Do you need to reduce costs?

#### Are you facing these issues?

1. Making upgrades to your AWS based software;
2. Mitigating issues and keeping the site working.
3. Creating and adjusting platforms, projects, and apps.
4. Experience working with old coding languages.
5. Using and coding with older APIs.
6. Managing multiple versions of software and hardware.
7. Troubleshooting a codebase that was not well-documented or designed well in the first place
8. Managing multiple versions of software and hardware;
9. Managing multiple programming languages;

#### Do you have technical concerns?

1. Legacy
  - a. Can you leave go of old?
  - b. Can you afford all new?
  - c. Even if you build new, you have to keep the old going while the new is built
  - d. Where do you start with new (requirements analysis)?

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2. New builds
  - a. Products don't launch without proper requirements analysis
  - b. Continuous testing - small builds with features released frequently for user acceptance testing
  - c. Continuous feedback - Check-ins with the business stakeholders at least once a week.
3. Do you understand security issues?
  - a. If on the cloud - security groups and virtual private networks
  - b. Overnight jobs need to be properly permissioned
  - c. Linux servers - ssh permissions
  - d. Familiarity with Linux and Windows environments on the cloud
4. Do you need a focused tech team to:
  - a. Add new specific functionalities
  - b. Increase the functionalities while reducing the costs.
  - c. Work with Jira or Trello for tickets.
  - d. Add and remove features as per the business needs
5. Can you add a new feature without affecting the existing functionalities?
6. Is there a way to move forward if you are stuck with existing requirements or if the client wants to continue with old features?
7. Can you work with multiple clients simultaneously without affecting your current applications?
8. Do you have a good understanding of what is required for each page of your application?
9. Do you understand how to create good documentation and keep it updated when changes are made?
10. Do you understand how to work with multiple teams working on different modules in an application?

### **Are you ready to manage IT day-to-day?**

1. Updates happen continuously
2. New vulnerabilities appear
3. System permissions change
4. Handle feature requests from users
5. Are you ready to manage overnight jobs? Off-hour updates?
6. Can you handle a big job that requires more than one person?
7. Can you manage the system in case of emergencies?
8. Do you know how to distribute work among your team members?
9. Can you troubleshoot problems with the system?
10. Do you understand what is required for your application and how it works?

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### Are you ready for rapid changes in technology and the business environment?

1. Business requirements change rapidly.
  - a. New features are added
  - b. Existing features are altered or removed, and so on.
  - c. How will this affect the development process?
  - d. Are you ready to keep up with these changes?
2. New technologies emerge daily,
  - a. Not all technologies are equally applicable to all businesses or jobs.
  - b. How do you decide which technology is best suited for your needs?
  - c. Are there any guidelines that you follow when making this decision?
3. How will you deal with a new technology not supported by your current development environment? For example, a new database is introduced that is not compatible with the existing database. How will you deal with this situation?
4. Have you ever used several technologies to develop an application? If yes, how did it turn out in the end?
5. How do you deal with changes in requirements driven by business needs but are technically impossible to implement (for example, changing the screen size of a mobile application)?
6. Have you ever had to change code because of changes in business requirements? How was it done? What were the consequences for your schedule and budget?

### Do you feel qualified to hire IT people?

1. Do you have time for someone to grow into a job
2. Do you know the direction you need to go
3. What happens if they quit suddenly
4. Can a single person be as responsive and knowledgeable as a team?
5. Do you have time or the knowledge to train someone?
6. Are they able to work effectively as a team member or leader of a team?

### What are the benefits of an Outside Developer?

1. Design & Development: We are a one-stop-shop offering both services
2. Gain Expertise: Access to our interdisciplinary team without increasing your headcount.
3. Stay Up to Date: We are always looking for the latest design trends and technologies.
4. Save Time: Reduce design and development tasks from your to-do list.
5. Save Money: Save up to 50% off the cost of an in-house team.
6. Speed Up Development: Get your product to market faster.

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Our US-based company can provide production support and maintenance for your existing databases at a fraction of the cost of hiring an in-house developer. We are a leading provider of database production support and maintenance. We have been in the industry for over ten years, and we have a vast amount of experience with all kinds of databases and mitigations.

Our services range from database design, software development, and data migration to custom web applications. We have a proven track record of delivering large-scale projects on time and within budget. Our developers' are highly skilled in the software development life cycle. We can help you with your project from concept to production to ongoing support and maintenance. We have been through many challenges, including finding economical solutions for customers' databases. We understand the need for quality and cost-effectiveness in your database management needs. Our goal is to provide you with the right solution at the right price, regardless of your size or budget.

We design, code, and deploy applications on top of cloud platform providers like Amazon Web Services (AWS), Microsoft Azure, and Google Cloud Platform. We are also skilled at designing React-based software and Node integration for Postgres database development.

Our database experts can help you choose the proper database for your business. You can rely on our expertise to optimize your databases and software for optimal performance. We offer database design, migration, development, and management services. Our tools include MySQL, PostgreSQL, SQL Server, Oracle Database, Hadoop, and MongoDB. With our expertise in data architecture and management of large-scale databases, we can help you improve the performance of your applications by taking advantage of the latest technologies in NoSQL database design.

We have developed a variety of custom applications using web technology frameworks such as ReactJS (React), NodeJS (Node), AngularJS (Angular), and PHP (Laravel). We have built applications on the AWS cloud platform using the ReactJS framework. We have also developed React-based web apps with Node integration for Postgres database development. This powerful combination allows us to create complex web applications with real-time communication between client and server. These applications can build smart data visualizations, real-time tracking of stock market information, and other applications that require fast data transfer between the client and the server.

We have a team of experts who work on a wide range of projects, including custom software development for marketing, business intelligence, and analytics. We have expertise in working with large datasets and offer services in data visualization. We have developed applications that visualize large datasets in real-time using D3.js and Highcharts libraries. Our expertise extends to building mobile apps for iOS, Android, and Windows platforms. We have built mobile apps for Android using Java (Android SDK) or React Native framework.

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MiH can help! Call us today for a free consultation, and let's talk about how MiH can help you get the most out of your current legacy systems before investing in new ones! We have a proven track record of assisting companies to save money on their IT budget, reduce downtime, and improve their current application and systems. Let's talk about whether MiH is the right fit for you today!

### Why work with us

We offer comprehensive on-demand design and development services. Ideal for companies that do not have a design and development team in-house. Working with us means you have a partner to help manage your design and development needs so that you can focus on running your core business. By partnering with us, you can have our dedicated team help and guide you with:

- Data Visualization
- Custom web development
- Website creation and maintenance
- Database development
- User Experience and User Interface design

### Company Experience:

- Ten years of experience developing real-time, performance-critical applications
- Five years of Angular-js and React-js development experience
- Proficient in cloud platforms such as Amazon Web Services
- Proficient in AGILE methods such as TDD, continuous integration, scrum, user stories, iterative development, and domain-driven design.
- Skilled at delivering modular, decoupled, user-friendly applications optimized for performance.
- Expert in Design Patterns and real-time messaging systems.
- Excellent written and verbal communication skills.

### Technical Proficiency:

ReactJS  
Redux  
MVC Architecture  
AngularJS  
Node.js  
Axios  
Javascript  
Stripe integration

HTML5  
Responsive UI  
GIT  
SQL Server  
Postgres SQL  
Bootstrap  
C#.NET  
REST Web Services

Amazon Web Services  
EC2  
RDS  
Lambda  
SNS  
Elastic Beanstalk  
s3  
EFS