

Why hire a Backend API Developer?

You need a backend developer to develop the backend of a modern decoupled web application. A decoupled application is one where backend and frontend are developed separately and they also run in separate processes.

In a web application, the backend constitutes the APIs. An API takes the internal request from the front end interface, connects database server or other servers for data, processes data and returns the data (normally in JSON format) to the front end. A backend developer designs the system and writes necessary codes to make it happen.

Though you will find people who are expert in both (full stack developer) but most of the developers are expert either in backend or in front end. The tools and technologies for backend and front end development are also different. So if your project is big enough it makes sense to hire a separate backend developer.

Backend Tools & Technologies

The most popular backend technologies for developing web applications is PHP frameworks. The most recommended is Phalcon microframeworks. It is well known for its exceptional performance as core is written C programming languages. You can also use Laravel & Yii.

As a non PHP frameworks most popular is Node.js with Express. It is Javascript based back end technology and allows writing asynchronous scripts. This leads to much higher performance.

For storing data you can use any database but the most recommended are PostgreSQL or MongoDB. MongoDB is best for huge data manipulation but reduces the speed of development to some extent. PostgreSQL gives all advantages of RDBMS at the same time it can withstand huge load. It is free too.

How will a Backend API Developer help you?

1. Discuss with with product owner and finalise the functional requirements at story level
2. Provide technical solutions - Analyse further and convert the story into proposed software units: use cases, interfaces and interface items, database entities, internal data flow. In a bigger system this part is likely to be done by a separate person called system analyst.
3. Finalise the nonfunctional requirements with product owner and test analyst
4. Finalise the TDD points (coding logics as test case units) associated to every objects (interfaces, interface items, fields, actions etc)
5. Finalise the database and code plan
6. Coding and debugging to develop the backend of your web application as defined. Mainly the APIs to be used by the front end developers
7. Unit testing & functional testing
8. Do the performance testing and other non functional testing as defined in test cases
9. Delivering to product owner and/or to test team
10. Help product owner to do the acceptance testing
11. Fixing reported defects at the server side

12. Reporting as required

Skill & experiences of a Backend API Developer at RP

1. Intelligent, analytical and logically strong
2. B. Tech or MCA or equivalent qualification
3. Good communication skill over email and skype
4. Organised & have good documenting skill
5. 5-9 years experience in web development
6. Strong in relevant backend technologies (PHP frameworks or MERN Stack)
7. Good command over database & SQL
8. Have additional command on HTML/CSS/ Javascript to take care front end issue too if required

How much does it cost?

The cost is too reasonable. Dedicated hiring starts at 1 \$1200 only. Hourly rates start with \$10 only. However cost is likely to be higher with increase in experience, skillset and past track record

Tips for hiring a Backend API Developer

We recommend hiring a separate dedicated backend developer for a new project and that requires a team. If your project is small or it is in maintenance mode you can hire a full stack developer who can take care both frontend and backend. You can also have a dedicated backend developer for an ongoing project when the team is quite bigger. Hiring a backend developer on part time should be avoided.

Why hire a Backend API Developer from India?

The single biggest reason is the cost. You can get the same project done at 1/5th or even lesser price if you hire from india.

Why hire from Remote Programmer?

• Web Development since 1999

We are in web development since 1999. In 2004 we developed a PHP MVC framework. Worked on almost all popular web technologies. We implemented many innovative ideas to maximize the client's revenue.

- **Reliable - In-house with no Newbies**

We have a dedicated in-house team of 30+ developers. 80% of them are 6+ years experience. 6 of them are 14+ years of experience. Only experienced developers and experts will work on your projects.

- **Complete Solution - Concept to Cash**

We have six 15+ years of experienced experts who will help to add value at different points of the software development life cycle. Execution will be done by experienced developers and technology experts.

- **Built-in-Quality through Lean Practices**

You can't turn a MI phone into an iPhone, once it is built. Because adding qualities as in iPhone requires to be built-in. We have quality checks on every step of the value stream starting right from the code editor.

- **Expertise in Latest Technologies**

We are currently focused on the latest tools, technologies, programming languages, frameworks and microservices architectures for developing web, cloud, desktop and mobile apps.

- **Use of Worldclass Agile Tools**

Only programming technologies do not help. We set up our development pipelines with DevOps tools like Jira, GIT, Docker, Kubernetes and automated testing tools to deliver world-class quality in minimum time.

- **Super Service at India Price**

With the help of experienced and trained resources, 21 years of software development experience, hard work and professional honesty, we provide super service. And still at India Price, as we manage everything from India.

- **History of Serving in the Long Term**

We provide future support. Even if you come back with a small change. **Clients stay with for years.** And in fact employees too. The main reason behind this is we really care about our clients and employees.

