

Miguel Antonio Espinoza Estrada

Malmö, Sweden
purefan@yahoo.com
<http://about.me/purefan>

Technical Skills

Like: node.js, mysql, php, nginx, linux

Experience

Lead Developer—Benc Enterprises AB

July 2010 - Current

php, mysql, javascript, html5, memcached, nginx, apache, linux

Since working for Benc Enterprises my chores have been very varied:

- Design new features (planning and coding).
- Design database tables and queries.
- Design a servers cluster for massive deployment (NodeJS, HA Mongodb, Redis).
- Benchmark the product.
- Benchmark web servers (namely NginX vs Apache in the context of our product).
- Answer support tickets.
- Have direct contact with clients/staff to coordinate specific situations (special situations outside support).
- Troubleshoot clients' servers (outside of support).
- Write automated tests (used Selenium Web Driver).
- Fix bugs in the product.
- Coordinate managers in other departments (not "with").
- Contact security testing companies.
- Set up HAProxy in a Raspberry Pi (this was fun).
- Stay up to date with technology to advise on new implementations.
- Write articles for clients and developers.

I have also had to work remotely at times and set my own goals

Web Developer—Benc Developments

2009 - Current

javascript, php, html, mysql

- Develop new features (which involves researching of user experience, usability, performance, new technologies...)
 - Keep contact with clients to effectively troubleshoot issues.
 - Run benchmarks of different servers and configurations to measure the impact of different alternatives for in-house company projects.
 - Work closely with big clients to advise on technologies and how to best implement specific requirements.
 - Fix bugs in the product
 - Answer support tickets.
-

Support Technician—Benc Enterprises

January 2006 - January 2009

php, javascript, html5, mysql, apache, linux

As a support technician I gained experience in the daily operations of our clients' business and more specifically I did:

- Answer and stayed active in the forums.
- Answer support tickets.
- Write articles for clients and developers.
- Debug code in client's servers.
- Troubleshoot client's servers (outside of support)

One of the highlights during my "tenure" was to answer 70+ support tickets in one day's work (average rate for other employees is around 20) with only 10 tickets requiring further attention.

Another time I was able to identify and isolate a bug in a specific version of FFMPEG, helped the client to get a professional and patch his server.

Often I had to isolate performance issues to clients so they would decide on enabling or disabling specific add-ons.

I code reviewed third party add-ons and advised on performance improvements.

I lead and did most of the programming in a team project that was taken by the university to the Honduras firefighters department.

Projects & Interests

GitHub - octorion – <https://github.com/purefan/octorion>
c++

May 2012 - May 2014

Snippets that illustrate how to get a few simple things done, I was actually helping a friend learn "How To Program" (pun intended)

Wrote every single character in that repository.

ChessHeroes – <http://www.chessheroes.com/>
php, node.js, socket.io, mysql, memcached, raspberry-pi, rackspace-cloud, svn
At Chess Heroes you can play, meet other players and improve your skills.

Wrote the playing server, chat, score keeping, tournament module, chess games database module, programmed the client that ran in the raspberry pi to have a player always available implemented the design, ran backups and secured the server myself (iptables, php limits, server hardening...)

GitHub - foxadvisor – <https://github.com/purefan/foxadvisor>
php, phpfox, ajax, javascript

February 2013 - March 2013

Snippets showing how to do certain things in Phpfox

Wrote every single character in that repository.

ndbc – <https://npmjs.org/package/ndbc>
nodejs, mysql, mongodb, memcache, redis

Simple module to interact with memcache, redis, mysql and mongodb. I didn't like to write complete queries for MySQL so I started with a small module that allowed me to pass...

Added every feature in that project.