

FILIPE NEVES

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BIO

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SUMMARY / ABOUT ME

Software Engineer with vast experience in both web and application development and capable of tackle a challenge with most popular programming languages.

More of a back-end developer, but now starting to dabble with front-end technologies. Very solid knowledge of MVC frameworks as well as REST, RPC and SOAP APIs.

Avid enthusiast of clean and well commented code and a lover of well organized and documented procedures and code, as well as version control tools.

Understands cryptocurrencies and its underlying technology, Blockchain.

PROFESSIONAL EXPERIENCE

BergJet

Chief Systems Programmer, Ningbo (P. R. China)

2016 – 2018 (CURRENT)

The work at BergJet is not so much of an IT/software development job as it is a job of applying development to the business side of the company and run business analysis, forecasts and trends.

At BergJet, not only did I manage and develop all IT related matters, but all its systems as well (backups, version control, automatic reports). All those systems (save version control, on which we were using GitHub) were developed in-house.

Other of my duties included:

- Maintenance of the current ERP system, written in C#, but no longer being developed.
- Design, architect, development and implementation of a new ERP system, written in a mix of PHP (with Laravel), C# and Python.
- Integration of WeChat's API into the new ERP system, to track the production of existing orders.
- Project management of the new ERP system.
- Reinvent department dynamic to make sure all departments communicated efficiently as well as worked well together.
- Set up, maintenance and management of BergJet's Aliyun Hong Kong servers, one webserver (nginx) and one database server (MySQL).
- Implement good programming practices and source control.
- Reimagined how the whole production line works and created tools to track order statuses, employee's KPIs, as well as calculate accurately lead times to customers. KPIs used gamification principles to increase competitiveness and production output in the production line.
- New website – www.bergjet.com
- Responsible for the development and maintenance of our backup solutions to both on-site and off-site.
- Responsible for the whole IT, R&D and SysDev (software development) departments.

Tweedle

R&D Manager, Shanghai (P. R. China)

2016 – 2016

Tweede was a start-up that focused on offering photo booth solutions to luxurious events. The main product was a piece of software that served photo cameras that uploaded pictures through internal FTP servers to a server and then presented an interface for the guests to choose and share the pictures on social media. I joined Tweede after most management left due problems that were never resolved with the main product and my main task was to make sure those problems were taken care of because the company was bleeding money because of them.

At Tweedle my main responsibilities were:

- In the short term:
 - o Fix all bugs and issues their in-house software was having because the end user applied penalties due to problems during events.
 - o Made sure servers and APIs were stable and working because slowness was a constant complain.
 - o Fresh reinstall and set up of their Linux servers because of various issues with software combability.
 - o Add WeChat support. WeChat is an absolutely phenomenon in China and it's a must have for everything.
- After the more pressing issues were taken care of, the middle to long term project was to develop a new version of the software, because the existing version was very dated, and this included:
 - o Design and architect how the new application should work.
 - o Server configuration
 - o It was decided to go for a Node.js/Electron application front-end, with a Python backend. Replacing the C# and PHP older version.
 - o Responsible for the hiring and training of a new development team.
- The world of events is one that changes very fast and novelty is lost even faster. There was a need to come up with new ideas and solutions and the (very) long term project was to create their own version of Magic Mirror, which is an interactive mirror that the user can interact with.

ChinaNetCloud

2015 – 2016

Software Engineer, Shanghai (P. R. China)

ChinaNetCloud was at the time the biggest OaaS (Operations as a Service) providers in China for cloud computing solutions. They installed, monitor, maintain and guarantee that your servers are always up, running and healthy. During my stay at ChinaNetCloud, there was a shift towards SaaS (Software as a Service); the company pushed hard for more automated tools to increase work efficiency and productivity. There were 2 main projects, OpsStack (www.opsstack.io), a take on web management of servers, something like Amazon AWS, and an internal tool that was basically a ticketing tool. I was the project owner for the ticketing tool and co-owned a bunch of smaller sized projects.

My responsibilities at ChinaNetCloud were:

- Maintain and develop the ticketing system, which was using Zabbix's (server monitoring tool) API to create tickets automatically when certain triggers were fired. The system also handled all customer requests and there was a plentitude of smaller tools that worked alongside this ticketing system (automatic creation of tickets on mail reception, for example).
- Plan, prepare, communicate and execute deployments.
- Responsible (main administrator) for Jenkins (CI) and GitLab.
- Integrate the ticketing tool into OpsStack.
- REST API that communicated with their CMDB agent, written in Python.
- Made a cheerful Slack bot that wreaked havoc at random times.

Jomall Trading

2012 – 2015

CTO, Wenzhou (P. R. China)

Jomall was a company that I and a local partner founded. The project was to come up with an online platform that allowed local factories to sell their products abroad. These were relatively small companies without international sales departments that couldn't use services like Alibaba because of the cultural and language barriers. We were the middleman.

My responsibilities at the company was basically everything. But where I've spent most of my time was in the development of our own internal system to manage orders as well as the hiring and training of our 24/7 English speaking support staff.

Millenniumbcp

2011 – 2012

Software Engineer, Lisbon (Portugal)

Millennium is the largest private bank in Portugal. They mark presence all over Europe as well as in old Portuguese colonies, namely Angola and Mozambique. I joined Millennium to be the main front-end developer for their Romanian e-banking portal. It was a position that certainly taught me a lot about security and good practices.

My responsibilities were:

- Develop the front-end for their Romanian branch of e-banking.
- Keep their front page updated.
- Connect back-end to front-end. Made sure webservice were working properly.
- Prepare deployment packages.
- Not screw up. Lots of money was at stake.

EDP – Energias de Portugal

2011

Junior Consultant, Lisbon (Portugal)

As a Junior developer, most of my time was spent on an internal Facebook-like application, developed with Outsystems. I also spent some time into a project management tool that was written purely in C#.

Nokia Siemens Networks (now Nokia Systems Networks)

2010 – 2011

Junior Software Developer, Lisbon (Portugal)

Nokia Siemens Networks (NSN) was a bet from Nokia and Siemens at developing their own communication technology (not related to handheld devices, but instead to actual networking. At the time, 3G and GSM). I first joined the company as support for one of their projects with Orange France, but due to my proactivity, I developed a bunch of tools to reduce workload and they decided to promote me to a developer. During my stay there, my mission was to reduce as much as possible to use of Excel in favor of the tools I had developed. Reduced several 8 hours tasks to 5 minutes tasks. The most used tool was a log parser that recorded all events that happened in the network; this used to be done manually and it would take sometimes days to go through logs, which would create huge backlog problems for the technicians.

EDUCATION

University of Amsterdam

2006 – 2010

Bachelor's Degree in Computer Science

Amsterdam, the Netherlands

COMPUTER SKILLS AND COMPETENCES

- **Languages:** Java, C#, Python, PHP, JavaScript, Node.js, and can quickly learn new languages if necessary.
- **Databases:** Most SQL-like databases as well as non-relational databases (Redis, Cassandra, Memcached).
- **Frameworks:** Spring (Java), Flask and Django (Python), jQuery (JavaScript), Laravel (PHP)

SOCIAL SKILLS AND COMPETENCES

- **Languages:** Portuguese (Native), English (Native-like), Dutch (Intermediate), Chinese (Basic), French (Basic)