Mateus Freira

Software Architect

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About

I am a passionate developer that loves to build solutions, with strong working knowledge of agile development methodologies and many languages, platforms and frameworks. I have been worked like a developer since 2007. I spent the last 3 years working at Zeedhi where a I developed from scratch a framework angular based do develop mobile and web solutions, this framework today is base of more that 30 application inside Teknisa Group(www.teknisa.com). at Zeddhi I'm today a tech lead and tech reference of more that 40 people, and I'm repoisable to choose all tecklogies for the projects and developer the core features of any project of Teknisa Group(www.teknisa.com) on FrontEnd Backend or in mobile native plataforms(IOS and Android). I also contribuite for some open sources projects, that can be viewd in the folow links. I also contribuite for some open sources projects, that can be viewd in the folow links. As a Leader https://github.com/mateusfreira/node-stackoverflow-jobs https://github.com/mateusfreira/activemq-scala-util https://github.com/appbaseio/Docbase https://github.com/appbaseio/grunt-

docbase https://github.com/mateusfreira/generator-docbase
https://github.com/mateusfreira/BlueDroid (old one) As a Contribuitor
https://github.com/peterdemartini/github-jobs
https://github.com/Hacklone/private-bower
https://github.com/ArkeologeN/angel.co-node https://github.com/jansepar/node-jenkins-api https://github.com/andreazevedo/dispatch-github I have a big
experience with the following technologies : Scala, Nodejs, Mobile(Android, IoS),
Java(EE), Angular, MongoDb, Redis, Mencached, PostgreSQL, C++ and PHP.

Profiles

Twitter
mateusfreira (http://twitter.com/mateusfreira)

Github
mateusfreira (https://github.com/mateusfreira)

Work

Zeedhi   2013-03-01 —

Software Architect   http://www.zeedhi.com/ (http://www.zeedhi.com/)

I developed from scratch the main product of the Zeedhi Framework company.
This is a Full Stack solution to build web/mobile apps. My duties include working
to ensure the proper scalability of the various applications that we are developing,
and supporting web and mobile development teams. I also assist with the
continuous development of the work teams by helping train them, and
implementing and deploying performance improvement with techniques and
tools, such as GIT, TDD, CI, CD, DDD, Grunt.

Highlights

- Frontend : Persistence API (transparent persistence layer to
  IndexedDb/LocalStorage/Native storage).
- Frontend : NativeInterface(provide access to native function on
  devices(Android, IoS) like camera, Location, bluetooth).
- Frontend : Event based WebSocket API.
- Frontend : Runtime engine to render UI from json (Users dont need to write

HTML files to crete all the interfaces and all componentes are based on templates that can be reused)

- Frontend : Many others apis to improve the development performance
- Backend - ORM.
- Backend - Message queue.
- Backend - Cache
- Backend - Restfull
- Backend - WebSocket
- Technologies: AngularJS, SASS, Compass, Moment, Grunt, Bower, Jasmine, Node, Mencached, Selenium, Oracle, Posgress, ActiveMQ, Mongo, PHP and Java.

VilarikA Soluções   2013-03-01 — 2015-12-31

Co-Founder / Software Architect   http://vilarika.com.br (http://vilarika.com.br)

Startup focused in development of manager solution SAS, simple, agile and mobile first. My responsibilities are business strategy, software architecture, after-sales, new technologies, new products and infrastructure manager (Linode, DigitalOcean and Amazon). Architecture and development of system with Scala(Play e Lift) , NodeJs (Express and Mongo) to backend and angularJs, jquery, handlebars Coffeescript for frontend.

Highlights

- Technologies : Scala(Play and Lift) , NodeJs (Express and Mongo) to backend and angularJs, jquery, handlebars Coffeescript for frontend.

PrimeSystems   2010-04-01 — 2013-02-28

Software   http://www.primesystems.com.br/ (http://www.primesystems.com.br/)
Architect

I was responsible for the development of highly complex mobile systems for user localization and process automatization. I coordinated the development and deployment of new persistence and synchronization frameworks for mobile applications (Android and JME). I guided a front-end team to ensure the proper implementation of good user experience guidelines using HTML, CSS, Javascript, and mobile technologies. I created a workflow of mobile teams with the following tools: Jenkins, github, TDD, CI.

Highlights

- Android
- J2ME

Teknisa

2009-06-01 — 2010-03-30

Programmer

http://teknisa.com (http://teknisa.com)

I was in charge of helping design and build a new metadata oriented web framework, with a specific engine to build output for many devices with the same metadata base. Using: PHP, Zend, Android, Java, Doctrine, Jquery, P4A and Oracle. I ministered courses of object orientation and design patterns for other developers.

Ormuztech

2008-09-01 — 2009-06-30

http://www.ormuztech.com.br/blog/ (http://www.ormuztech.com.br/blog/)

Programmer

I was responsible for the development of an ERP for beauty salons in PHP and MYSQL. After 3 months, I was the main developer of this product. It was released to the first customer in 6 months.

Education

Puc Minas

2007-01-01 — 2015-06-30

🎓 **Information Systems**
Bachelor

Courses

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Publications

Development of a framework metadata based to creating RIA applications, a case study of use pattern metadata-based Graphical Component

2013-09-25

Published by Miniplop

View publication (http://goo.gl/Uv1oDr)

Develop systems swiftly and reliably has been ever harder. This is further aggravated with the popularization of multi-tier web-based applications, particularly those developed as RIA (Rich Internet Application). The Flex

Framework is presented as a good alternative to creating these applications, however, to use Flex you need to study itself and other technologies such as AcionScript 3 and the AMF (to communicate with the server), resulting in a huge complexity during software development also increasing needs for concern about code reuse for creation and communication interfaces. With this in mind, we tried to build a framework where developer doesn't need to know about Flex syntax. For such, use of metadata stored in a database was proposed, then, that can be interpreted by client layer using an architectural pattern-based Graphical Component Metadata and manage user interfaces, arranging service calls transparently to developer. This paper's goal is show implementation of the client layer beyond the standards used to construct the same.

Skills

Software Architect

- Scalability
- Non-functional requirement
- Technologies and solutions

Developer

- Elasticsearch
- Sala
- Javascript
- Java
- PHP
- SASS
- AngularJS
- Node
- Mencached
- Selenium
- Oracle
- Posgress
- ActiveMQ
- Mongo

- SCALA
- Java
- PHP
- SASS
- Compass
- Moment
- Grunt
- Bower
- Jasmine
- Coffeescript

Languages

English
Advanced

Portugues
Native

Interests

Development

- NodeJS
- Scala
- Android
- Mobile
- Real Time