

GUSTAVO CAGNIN

Software Engineer

+55 (11) 96449-8813

Sao José do Rio Preto, São Paulo. Brazil

gustavo@gustavo.pro

Skills

- Java 8

Package Manager Maven or Gradle.

Design Patterns: Singleton, Builder, Factory, Observer, Template.

Spring Boot, OSGi, Mockito, Junit, Jmeter, Jackson Serialization, Dependency Injection.

- NodeJs (APIs)

Package Manager configuration, Project architecture patterns (MVC)

- Express, Promises, Typescript, Transpilation Process, Code Design, Array Manipulation, Lambda Functions ...
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- Docker

- Dockerfile: Basics, Multi-step build, volume mounting

Create, Run, Deploy, Push and Clean containers and images

- Docker-compose Yaml file, volume mounting, port exposing, iptables routing. ...
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- Front-End

- Angular +2

- Routes, Unit Tests, Mobile Build(Ionic), Apple publishing, Route Guard, Services, Components, Lazy Loading ...
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- DevOps

- CI/CD

- Groovy, Jenkins, Comunity Plugins (Git, K8s, Chef, Credentials Vault).
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- Cloud Administration

- Gcloud -> Cloud Computing, google API access scopes, OCR service, Maps API, Firebase (Auth, Analytics, Functions)

- Aws -> EC2, ECR, S3, Lambda(nodeJs), CloudWatch, IAM, SNS(email config)
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- Linux (s2)

- Basic Commands, Debug, Check logs, Automate Bash, Crontab, grep, awk, find, iptables (filter, nat, mangle)

- Distros -> Arch Linux, Debian, Ubuntu
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- Databases

- Mysql, PostGres -> Schema, Normalization, FK, PK, ER-model, Views, Dump, Restoration, SQL QUERIES

- MongoDB -> Query, Aggregation, Sort, Filter, Group. Map Reduce
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- Quality Assurance

- Jmeter, Qunity, Automated Functional Tests

- Graph Generation using D3.js, Presentation, Code Metrics Analytics Report (Surefire and failsafe)
- Solid experience making APIs with **Design Pattern, Rest Principles**
- Passionate about **Good writing Skills** and **CSS Preprocessors**
- Skilled in creating **Component Libraries, Prototypes** and **Style Guides**
- Experienced with **Templating Languages** and **JavaScript**
- Proficient with **Task Runners** and **Package Managers** and **Version Control Systems**
- Knowledgeable about **User Experience, Accessibility, Performance, Responsive Web Development** with a **Mobile First** approach, **Cross-Browser Compatibilities** and **Progressive Enhancement**.

Education

Bachelors Computer Science

University Estadual Paulista Júlio Mesquita Filho (UNESP)

2010 - 2015

IELTS

IELTS Test Overall 6.5 (Took Dec 2017)

2017 - 2022

Experience on Companies

Globant | Full Stack Java | Angular

- Created functionalities for JAVA 11 backend with springboot framework
- Created new functionalities for Go microservice with gin framework
- Applied good software development practices with SOLID principles
- Development of unit tests with Junit and Mockito and integration tests with RestAssured
- Using git for code versioning
- Reactive programming with Java 11
- Creation of front-end components with Angular 14

Appen Co. | Kafka Stream Engineer

- Created and Maintainer of Kafka streamer and Data Transformation (avro schemas, Java, Kotlin)
- Created RestApi on SpringBoot to read Elasticsearch Topics on Java 11
- Created complex consults Elasticsearch with topics join
- Code Refactoring and reduce code branch complexity
- Use of docker and containerization for the project as well as microservices
- Maintained Angular 14 project

Zup It | Java Engineer

- Worked with monolytic system to break it down into microservices
- Developed microservices with kotlin and SpringBoot framework
- Created Staging Environment for funcional tests
- Developed a high scalable application for one of the greatest Marketplace in Brazil(via varejo)
- Mature knowledge on SpringBoot anotations as well as components, cachable, profiles, configurations
- Writing Scripts in Python to extract and analyze data from a spreadsheet
- Developed Backoffice in Angular with error handler and recurse calls for retry using Observables and Promises
- Aws cloud engineering (EC2, RDS, EFS)

Hewlett Packard Inc | Java Engineer

- Coding Java with Spring Boot Framework

- Unit Tests written in Junit and Mockito
- Funtional tests written on RestAssured
- Funtional tests written on Selenium(Qunit)
- Advanced know how on architecture design using patterns like (Observable, Singleton, Builder, Factory, Interface)
- Coded and documented all the activities, measuring risks and necessities between each completed delivery
- Worked with Agile/Scrum (PI planning, Dailly Meetings, e Sprints)
- Daily in English
- Dockerify monolith application, with multi-step build feature, to avoid shipping project dependencies
- DevOps Engineer for 8 meses, Dockerfile scripting, maintenance Jenkins instance (master/slave), AWS, Gcloud, Bash scripting, Terraform and Chef

Nash Consultoria | PHP developer

- Developed an ERP financial system with raw PHP(5.0) and JQuery framework
- Designed Database Relationship, Backup policy and Data validation
- Scheduled calls with client to understand needs and estimate delivery time
- Aplied database normalization making good use of Primary and Foreign Keys
- I also created dynamic web pages with partial screen loagind using API's calls and funcional programming paradigm

Experience as Contractor

Sos Binario. | Java Engineer

- Knowledge of object-oriented design principles using JAVA and NodeJS languages
- Experience with design patterns such as MVC, Singleton, Factory, etc.
- Familiarity with unit testing frameworks like JUnit
- Understanding of SOLID principles
- Ability to write clean, maintainable, and efficient code
- Experience with version control systems like Git
- Knowledge of database management systems and SQL queries
- Strong problem-solving skills

SosBinario | Angular Developer

- Prototyped and developed hybrid mobile apps using Firebase and Ionic(Angular) stack.
- Collect analyze data within client to develop a better application
- Created use case diagram, entity–relationship model, Class Diagram
- Funcional tests and usability check with analytics
- Ionic v3 with angular, firebase, stack
- Deployed app to both platforms (IOs and Android)
- Experience with Promises and Observable as well as some RxJs funcions like pipe, do, map, switchMap, shareReplay
- Using Nginx inside Docker container (CI/CD) build & test & rolling deploy (zero downtime)
- GCP tools like firebase, analytics, machine provisioning and database configurations