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Anderson Reis Rosa

Software Engineer and Security   

"If people do not believe that mathematics is simple, it is only because they do not realize how complicated life is." – John von Neumann

Education

- 2020 – 2023 Master's Degree, Computer Science**
Institute Computation Science, University Campinas (Unicamp), São Paulo, Brazil.
- 2014 – 2019 Bachelor's Degree, Applied and Computational Mathematics**
Institute of Mathematics and Statistical, University São Paulo (USP), Brazil.

Experience

- Nov'21 – Software Engineer and Security**
Present Tempest Security Intelligence, São Paulo, Brazil.
- Jun'21 – Software Engineer**
Out'21 Itau Bank, São Paulo, Brazil.
- Oct'20 – Software Engineer**
Mai'21 GetNinjas, São Paulo, Brazil.

Projects

- Nov'21 – Present Tempest Security Intelligence**
Guide: Daniel Fernandes (Tech Lead)
Objective: Build secure applications, create tools to automate infrastructure and keep it.
Description: I'm development tools to streamline the software development cycle for all engineering teams, automating infrastructure processes that use the most varied technologies and platforms, in addition, analyzing the security of applications and tools used in the software production process.
- Jun'21 – Oct'21 Itau Bank**
Guide: Marcos de Azevedo (Software Engineering Manager)
Objective: Create api, libraries, automate, infrastructure and keep it.
Description: I helped maintain the back's main credit card (rewars) software, that is a points and purchases platform, in addition, assist in the software development cycle in which we migrated the legacy infrastructure to the IaaS model.
- Oct'20 – Mai'21 GetNinjas**
Guide: Magno Fonseca (Tech Lead)
Objective: Create api, automate infrastructure and keep it.
Description: I have developed software (APIs) that work with a variety of technologies, using microservices horizontally scalable, hexagonal architecture, in addition, I helped to improve the application infrastructure and also on security during the development cycle.

Computer Skills

O.S *Gnu/Linux*

Frameworks *Spring, RoR, Django, Vue, Pacu.*

Languages *C, Golang, Rust, Java, Kotlin, Ruby, Javascript(ES), Shell Script, Python, Elixir.*

Tools *Git, GitHub, GitLab, Jenkins, Terraform, Helm, Grafana, Splunk, RabbitMQ, SQS, Kafka, GraphQL, Vim, IntelliJ, VSCode, QEMU, HTML5, SCSS/CSS, Docker, Ks8, AWS, JUnit, Jest, RSpec, PyTest.*

D.B.M.S *MongoDB, Redis, PostgreSQL, MariDb.*

Good Habits *Passion for Security and Learning, GitOps, DevSecOps, SDLC, OWASP, Privacy by Design, Security by Design, BDD, TDD, Unit Test, Integration and Testing, eXtreme Programming, Scrum, Kanban, Design Patterns, Clean Code, Code Review.*

Major Courses Undertaken

Computer Design and Analysis of Algorithms, Theory of Computation, Programming Languages, Database Management Science System, Discrete Mathematics, Data Structures, Graphs.

Mathematics Statistical Methods, Differential Calculus, Linear Algebra, Real Analysis, Vector Calculus, Linear Optimization and Nonlinear.

Statistical Basic Statistical, Statistical Methods, Stochastic Methods, Data Analysis and Simulation.

Certificates and Workshop

- 1 Cryptography I - Stanford University (Coursera), Dan Boneh.
- 2 AWS Cloud Infrastructure Security - (Tenchi Security), Rodrigo Montoro e Alexandre Sieira.

Communication Skills

Portuguese Advanced

Great reading, writing, comprehension and talking.

English Intermediary

Great reading, writing, comprehension and talking.