Anderson Reis Rosa

Security Software Engineer , ,

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> *"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 ans Computational Mathematics**
Institute of Mathematics and Statistical, University São Paulo (USP), Brazil.

Experience

Nov'21 − Present   **Software Engineer and Security**
Tempest Security Intelligence, São Paulo, Brazil.

Jun'21 − Out'21   **Software Engineer**
Itau Bank, São Paulo, Brazil.

Oct'20 − Mai'21   **Software Engineer**
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 (rewards) 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. Moreover we implemented critical features for the rewards program, such as the centralization of program configurations into a single service, big refactor of user experience, adding a backend.

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, Jenkis, Terraform, Helm, Grafana, Splunk, RebbitMQ, 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 Secutiry and Learning, GitOps, DevSecOps, SDLC, OWASP, Privacity by Design, Secutiry by Design, BDD, TDD, Unit Test, Integration and Testing, eXtreme Programming, Scrum, Kanban, Design Patterns, Clean Code, Code Review.*

Major Courses Undertaken

Computer Science	Design and Analysis of Algorithms, Theory of Computation, Programming Languages, Database Management System, Discrete Mathematics, Data Structures, Graphs.
Mathematics	Statistical Methods, Differential Calculus, Linear Algebra, Real Analysis, Vector Calculus, Linear Optimization and Notlinear.
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 Secutiry - (Tenchi Secutiry), Rodrigo Montoro e Alexandre Sieira.

Communication Skills

Portuguese	Advanced	*Great reading, whiting, comprehension and talking.*
English	Intermediary	*Great reading, whiting, comprehension and talking.*