NICOLAS **ZEIN**

S T A F F   S O F T W A R E   E N G I N E E R

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P R O F I L E

Graduated as bachelor degree in Information System from Faculdade Impacta de Tecnologia. I'm a proactive Software Engineer with a proven track record of over 10 years in the industry.

With a deep understanding of the software development lifecycle, I have played a pivotal role in designing, developing, and delivering high-quality software solutions. My problem-solving skills have been key in addressing complex challenges throughout various projects. Collaborating from conceptualization to solution deployment, I have successfully led teams and contributed to the success of numerous projects.

S K I L L S

- **Programming Languages:** Python, Ruby, Kotlin, JavaScript, NodeJS
- **Frameworks:** Django, Flask, FastAPI, Rails, Spring, Fastify, React, VueJS
- **Databases:** PostgreSQL, MySQL, DynamoDB, Redis
- **Messaging:** Kafka, RabbitMQ, SNS + SQS
- **Background Processing:** Celery, Sidekiq
- **Cloud Computing:** AWS (ECS, EC2, RDS, Lambda, S3, SSM Parameter Store, Api Gateway, CloudWatch)
- **Infrastructure as code:** Terraform
- **Continuous Integration/Deployment:** CircleCI, GitHub Actions, Travis
- **Performance Monitoring:** New Relic, Datadog, Grafana, Squadcast

L A N G U A G E S

- **Portuguese:** native
- **English:** advanced

P R O F E S S I O N A L   E X P E R I E N C E

SMARTRR | SUBSCRIPTIONS FOR GROWING SHOPIFY BRANDS

Senior Software Engineer | Oct 2023 ~ Present

As a Senior Software Engineer at Smartrr, I made significant contributions towards building a great Subscription and Loyalty product.

Responsibilities:
- Participate in daily coding activities, working closely with the team on tasks such as pairing, code reviews, and refinements.
- Leading and developing features based on the business' requirements.
- Contribute to product prioritization and discoveries, providing valuable technical insights.

VINTA SOFTWARE | TURNING DIGITAL IDEAS INTO MARKET-READY PRODUCTS

Lead Software Engineer | Fev 2023 ~ Jul 2023

As a Lead Software Engineer of the Infrastructure Team, I played a pivotal role in enhancing the reliability and observability of the project's platform.
- Led the design and implementation of scalable and reliable infrastructure solutions, catering to the organization's evolving needs.
- Define the technical strategy, OKRs and roadmap for the Infrastructure Team. I aligned the team's efforts with business objectives, identified opportunities for improvement, and implemented best practices to enhance operational efficiency.
- Continuously monitoring and optimizing system performance, implementing robust monitoring and alerting mechanisms to proactively identify and address potential issues.

ZÉ DELIVERY | LARGEST BRAZILIAN BEVERAGE'S DELIVERY

Staff Software Engineer | Mar 2022 ~ Fev 2023

As a Staff Software Engineer, I played a critical role in the Loyalty squad. Our key objective was to develop a cashback experience that would increase order frequency.

- Provide technical leadership, ensuring the successful delivery of high-quality software solutions aligned with business objectives.
- Articulate and implement a long-term vision for maintaining and scaling the microservices that powered the cashback experience.
- Participate in agile product development practices, working closely with cross-functional teams, product managers, and stakeholders.
- Collaborate closely to other teams to identify opportunities for enhancing software engineering practices. I actively contributed to code reviews, mentored junior engineers, and championed continuous improvement initiatives.

Business Impact:
- Successfully drove customers to place an average of two additional monthly orders compared to the previous period.
- Elevated the average ticket size by 30%, contributing to substantial revenue growth.

- Being with the team on daily basis things as coding, pairing, code review, refinings, plannings etc.
- Design and develop microservices based on the business' bounded contexts. Strangling the monolith.
- Facilitate technical refinings, removing technical blocks.
- Contribute to product prioritization and discoveries with technical insights.
- Participate in the software engineers' recruitment.

CREDITAS | FINTECH SPECIALIZING IN CREDIT

Senior Software Engineer | Dec 2019 ~ Sep 2020

- Facilitate technical refinings, removing technical blocks.
- Contribute to product prioritization with technical insights.
- Mentor pairs and other software engineers.
- Participate in the software engineers' recruitment.

Software Engineer | Jan 2018 ~ Dec 2019

- Being with the team on daily basis things as coding, pairing, code review, refinings, plannings etc.
- Design and maintain solutions to business problems.
- Contribute to product strategy with technical and business discoveries.

EMPREGO LIGADO

Software Engineer | Aug 2017 ~ Dec 2017

Emprego Ligado is a recruitment platform that connects companies with candidates and through georeferencing and machine learning, we decrease employee turnover.

As a Full-stack Developer, I was part of the B2B squad. We were responsible for the development and maintenance of the microservices that manage the B2B platform. These microservices were designed to be mainly reactive and based on an event-driven architecture for communication between services.
Our goal was to build a platform that would empower companies' HR staff to manage their own job opportunities and candidates.

DRESS & GO | E-COMMERCE THAT RENTS DRESSES OF RENOWNED STYLISTS

Software Engineer | Apr 2016 ~ Jul 2017

- Being with the team on daily basis things as coding, pairing, code review, refinings, plannings etc.
- Work really close to the business stakeholders understanding how to build the best solution
- Along with the logistics department we develop a platform that manages our delivery operations. This platform improved operational efficiency by 30%.

ALTO NÍVEL DIGITAL | DIGITAL AGENCY FOCUSED ON THE CUSTOMER

Web Developer| Jan 2013 ~ Dec 2015

- Develop web applications dealing directly with customers. Understanding their problems and giving them the best solutions.

B.S. IN INFORMATION SYSTEM

Faculdade Impacta de Tecnologia

Feb 2013 ~ Dec 2016