Agustín Curto Strasorier

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PROFILE

Software Engineer with 7+ years of professional experience in software development, specializing in backend. Curious person who enjoy investigating and learning. Always up to date with latest technologies. Responsible and committed with the team. Effective communicator involved in problem solving. Self-critical and persistent achieving goals. Computer Analyst and Graduate in Computer Science from National University of Córdoba.

WORK EXPERIENCE

SPLIGHT   Feb 2023 - Jul 2023
Software Engineer

Construction of a large energy optimization platform that can offer quick, customizable, and cost-effective solutions at scale.

– Develop and maintain of Python-based applications using Django, leveraging Python libraries to enhance functionality and optimize performance.
– Design and implementation of Kubernetes-based solutions, ensuring scalability, high availability, and efficient deployment.
– Optimization of application performance, troubleshoot production issues, and implementation of effective testing, deployment and monitoring solutions.
– Technologies: Python, Django, Docker, Docker Compose, Kubernetes, Github CI.

PLANK   Jul 2022 - Nov 2022
Blockchain Developer

Design and end-to-end development of a groundbreaking project focused on carbon credits management, involving the creation and trade of a proprietary NFT (*non-fungible token*).

– Design, develop, and deploy of secure and efficient smart contracts on the Ethereum and Celo blockchains, leveraging Solidity and best practices.
– Creation of decentralized applications, utilizing Python and FastAPI to build robust backend systems.
– Implementation of automated testing strategies using Python Brownie framework and Ganache, significantly reducing code defects and enhancing development efficiency.
– Technologies: Solidity, Ethereum, Celo, Brownie, Ganache, Docker, Docker Compose, Python, FastAPI.

SATELLOGIC   Sep 2021 - Jun 2022
Backend Engineer

Build and maintenance of a distributed, scalable and asynchronous operations platform for the Satellogic satellite fleet.

– Design and develop high-performance backend systems using Python, harnessing the power of Python libraries to ensure data integrity, processing speed, and optimal user experience.
– Deploy and manage containerized applications using Kubernetes for enhanced scalability, resource efficiency, and rapid deployment.
– Develop and optimizations of job scheduling algorithms, resulting in efficient resource allocation and task execution.
– Technologies: Python, Django, Docker, Docker Compose, Kubernetes, Postgres, Celery.

MERCADO LIBRE
Nov 2019 - Sep 2021

Backend Engineer

Construct a large, scalable and across company platform for Mercado Libre machine learning projects.
– Design and develop of efficient backend systems using Python and the Django framework, ensuring data integrity and optimal user experiences.
– Leverage Python libraries to enhance processing speed, data manipulation, and overall system functionality, contributing to the creation of feature-rich applications.
– Golang utilization to build high-performance and multithreading agent to enhance the responsiveness and reliability of backend services.
– Engage in problem-solving activities, identifying and resolving performance bottlenecks to optimize application speed and efficiency.
– Technologies: Python, Django, Go, Gin Gonic, Docker, Docker Compose, Postgres, Artillery, Datadog, Kibana, New Relic.

BITLOGIC
Dec 2018 - Oct 2019

Software Developer

Transformative project focused on the development of a comprehensive migration management service for a country's immigration system, encompassing seamless data migration and thorough data cleansing from the legacy system.
– Design and implementatation of innovative software solutions utilizing Golang and it's parallel processing capabilities while seamlessly integrating with MongoDB databases to enhance efficiency and performance in task execution.
– Leverage the Goa framework to streamline API development, enhancing efficiency and maintainability while ensuring adherence to best practices.
– Integration and interaction with Oracle and MongoDB databases, designing, querying, and optimization to support data-driven applications.
– Technologies: Golang, GOA, MongoDB, Oracle, Docker, Docker Compose, Elasticsearch, Red Shift.

AKKADIAN LABS
Apr 2018 - Dec 2018

Software Developer

Building a sophisticated receptionist console tailored for a high-traffic call center environment, enhancing call management and customer service efficiency.
– Python Behave application to implement behavior-driven development, ensuring clear and effective communication between stakeholders and development teams.
– Quality assurance (QA) processes, conducting thorough testing and debugging to identify and address issues, and ensuring software met quality benchmarks.
– Develop a command-line interface utilizing the Python click library to provide seamless access to backend services.
– Technologies: Python, Behave, JMeter, Requests and Click (Python libraries).

EDUCACIONAL EXPERIENCE

FaMAF - National University of Córdoba

Assistant Professor A
Sep 2023 - Present
– Titular professors assistance in course materials preparation, assignments, and assessments, and exams.
– Students assistance with inquiries, providing guidance on assignments, and address academic concerns during office hours.

Argentina Programa

Titular Professor — May 2023 - Jul 2023

– Developed course materials, aligning theory and practice with the *Argentina Programa* curriculum.
– Conducted theoretical classes, established evaluation criteria, and provided guidance to student assistants during practical sessions.

FaMAF - National University of Córdoba

Student Assistant — Mar 2018 - Nov 2019

– Academic support to students, assisting with queries and enhancing comprehension.
– Assistance in the evaluation process by grading and assessing students' practical assignments, ensuring fair and consistent evaluations.

EDUCATION

2014 – 2020	**Bachelor's Degree in Computer Science** *National University of Córdoba*	(GPA: 8.67/10.0)
2014 – 2017	**Computer Analyst** *National University of Córdoba*	(GPA: 8.22/10.0)
2008 – 2013	**High school diploma in Social Sciences** *IPEM N 272 Domingo Faustino Sarmiento*	(GPA: 9.03/10.0)

LANGUAGES

Spanish	Mothertongue.
English	Advanced.

TECHNICAL SKILLS

Programming Languages	Proficient in Python, Golang.
Web Development	Django, FastAPI, Goa, Gin Gonic.
Database Management	MySQL, PostgreSQL, MongoDB, Oracle, Elasticsearch.
DevOps	Docker, Docker Compose, Kubernetes.
Monitoring	Datadog, Grafana, Kibana, New Relic, OpsGenie.
Software Testing	Unit testing, Test-Driven Development, Behavior-Driven Development.
Problem Solving	Analytical thinking and creative approach to challenges.
High Performance	Optimizing code for high performance and responsiveness.
Data Load Testing	Planning, executing, and analyzing load tests to ensure system stability and scalability.
Scalability and Reusability	Designing and developing systems for efficient scaling and code reusability.
Algorithms and Data Structures	Strong understanding and application.