Sánchez, Tomás Agustín

Software Developer

Contact

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Web Resources

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Summary

Dynamic, passionate and creative software developer with almost 2 years of experience in producing robust code for high-volume companies. Eager to support a dev team with top-notch coding skills. In previous roles, innovated and became reference of new technologies and services.

Professional Experience

Banco Patagonia

IT Analyst, September 2021 – Present (6 months +)

Talent program, responsible of building innovative solutions that make a difference for customers, clients and employees and explore agile IT solutions development methodologies. JavaScript, HTML, Material UI and React programming for client-side web applications. Sponsored courses for Java programming for Microservices and APIs with Open API, Spring Boot, Spring MVC, Spring Data, Spring Security; external services integration such as Amazon S3; Swagger UI for documentation; Hibernate ORM, SQL and JPQL queries for MySQL database; JUnit 5, Mockito and H2 in memory database for testing. Git, Bitbucket and other Atlassian's products such as Jira and Trello for agile workflows, also practicing Scrum methodology.

Softtek

Trainee SAP Consultant, October 2020 – September 2021 (1 year)

SAP Fiori UX developer, responsible of developing web and mobile applications, also including cloud solutions for important clients, such as Daimler AG and Corporacion Primax Peru. JavaScript, JSON, HTML/XML, React, SAP UI5 /Open UI5 programming for client-side web applications using SAP Cloud Platform Web-IDE, later SAP Business Technology Platform Business Application Studio. ABAP programming for OData REST APIs with Open SQL queries. SAP Mobile Development Kit using JavaScript and XML for multi-channel applications in an integrated development environment running it natively on mobile devices (Android & iOS) and as a web application (online) in the browser. SAP Intelligent Robotic Process Automation reference: JavaScript programming, robot logic design and testing. Git mentoring for less experienced teammates, GitHub with GitHub Actions for Continuous Integration. Agile methodologies with Scrum.

Higher Education

Bachelor of Engineering, Information Systems Engineering, December 2024.
Universidad Tecnológica Nacional, Facultad Regional Buenos Aires – Argentina, Buenos Aires.

Bachelor of Engineering, Software Engineering, incomplete, change of degree program, December 2017.
Instituto Tecnológico de Buenos Aires – Argentina, Buenos Aires.

Featured Open-Source Projects

SARS-CoV-2 Pandemic Dashboard[1]
Covid19-pandemic-dashboard is a web application made with React and using UI5 Web Components it provides you with the latest information on SARS-CoV-2. Consuming disease.sh Docs - An open API for disease-related statistics API using Worldometer database. Developed as a side project to learn React JS, data visualization and external APIs consumption.

Paw Rescue[2]
A Spark Java web application, using HandleBars template engine, Bootstrap 5, Cronjobs scheduling, Hibernate ORM with MySQL database, native SQL and JPQL queries, JUnit 5 and Mockito. Deployed in Heroku. It was a middle year university project developed for Systems Design course of the information systems engineering degree at Universidad Tecnológica Nacional.

UI5-Inventory Control[3]
A React web application, using UI5 Web Components and Material UI, Consuming Cloud Fire Store API, including user register and sign in with Firebase Authentication. Deployed with Netlify. Developed as a final project for React development Course at Centro de e-Learning, Universidad Tecnológica Nacional FRBA.

TS Spark Seed[4]
A Spark Java template for web application development, using Material Design, Hibernate ORM with MySQL and H2 in memory databases. Mailing service using SendGrid, Amazon Simple Storage Service integration, following and MVC design pattern. Basic self-made authentication and role authorization with JWTs. Developed as template based of Paw Rescue to help and inspire future Systems Design Students in their projects.

We are More[5]
A Java REST API, using Spring Boot, Spring Security for authentication using JWT, Spring Data, Swagger, External services integration such as SendGrid for mailing, Amazon S3 for image storage. Unit testing with JUnit 5 and Mockito, integration test with Mock MVC. CI with GitHub Actions. Achieved 93% of code coverage with JaCoCo. Team developed, worked with agile methodologies, Sprint based with assigned tickets on Jira in Alkemy bootcamp.

Software Development Knowledge
Agile methodologies, Cloud Computing, Systems Administration, Object-Oriented programming, Logic Programming, Functional Programming, Unit Testing, Integration Testing, Design Patterns, UML Diagrams, Database modelling and design including OLAP relational and non-relational, Virtualization, Version Control Systems, Web Services, Web development and deploy and Web Security.

Development Technologies
C/C++, Java, Spring, Spring Boot, Spring Security, Spring Data, ORMs, Hibernate, SQL, MySQL, JavaScript, TypeScript, HTML, CSS, React, Firebase authentication, Cloud Fire Store, Mongo DB, Linux, Git.

Last update: March 5th, 2022.

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[1] Demo web: https://tomasanchez.github.io/covid19/
[2] Demo web: https://rescate-de-patitas.herokuapp.com/
[3] Demo web: https://ui5-inventory-control.netlify.app/products
[4] Source code: https://github.com/tomasanchez/jpa-template
[5] Source code: https://github.com/alkemyTech/OT133-SERVER