

# Julian Sanchez

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## EDUCATION

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University of Maryland College Park

Computer Science Bachelor's Degree    **GPA: 3.63/4**

Sept 2020 - Aug, 2023

*College Park, MD*

## WORK EXPERIENCE

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**Agile Software Engineer**

Leidos

May 2022 – Aug 2022

*McLean, VA*

- Collaborated with cross-functional teams in daily Scrum meetings to discuss and refine user stories, contributing to the development of a responsive website by implementing front-end enhancements using React.js.
- Spearheaded the implementation of automated testing frameworks, reducing software bugs by 30%, and actively participated in pair programming sessions to enhance code quality and facilitate knowledge sharing within the Agile development environment.
- Collaborated in the refinement and prioritization of the product backlog, ensuring alignment with stakeholder expectations and sprint goals, resulting in a 20% increase in development team efficiency during the software development life cycle.

**DevOps Engineer**

Axiologic Solutions

June 2021 – Aug 2021

*Chantilly, VA*

- Implemented and managed new DNS entries on AWS Route 53, enhancing accessibility to testing environments for the entire engineering department.
- Teamed up with a fellow developer to design and implement a streamlined Github Actions workflow, systematically measuring dependency installation time on each pull request to monitor and optimize the build process.
- Orchestrated the creation of a comprehensive Github Action, utilizing the AWS CLI to seamlessly upload front-end files to an S3 bucket and trigger Cloudfront cache invalidation, optimizing the deployment pipeline.

## PERSONAL PROJECTS

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**MyMovieRecommendations**

**Github Link**

- Developed my own "MovieRecommendations" website, architecting and implementing a backend infrastructure using Node.js and Express API, hosted on a Google Cloud Platform VM with secure HTTPS certificates.
- Leveraged MongoDB skills to create a bespoke movie database, incorporating logic for personalized movie recommendations, and integrated with an AWS S3 bucket for efficient mass storage of high and low-quality movie posters displayed on the platform.
- Ensured optimal performance and scalability through the use of Node.js, Express API, Google Cloud Platform, MongoDB, and AWS, contributing to a seamless user experience as I keep expanding the movie collection.

## SKILLS

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- Experience in Javascript, Typescript, Python, Java, C, HTML, CSS, SQL, Swift and Rust
- Experience with Express JS, NodeJS, React, Amazon AWS, MongoDB, Git, Shell Scripting, REST, OpenCV
- Great at teamwork and communication, Bilingual(Fluent in Spanish and English)