

# Alex A. Anguiano

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## WORK EXPERIENCE

### Colorado Legislative Council

Oct 2022 – Present

*Associate Application Developer → Application Developer*

- Developed and maintained critical web applications for the Colorado State Legislature, while streamlining legislative processes and reducing third-party costs. Key accomplishments include:
  - Implemented an advanced rich text editor (SunEditor) with history tracking, improving document creation efficiency for legislative staff.
  - Automated the generation of Colorado Red Books and revised statutes (Apache POI & iText7), enabling on-demand access and facilitating legal review.
  - Replaced a legacy Microsoft Access system for the Joint Budget Committee, enabling the creation and management of the state's annual budget through a modern interface (React & Java Spring).
- Managed the full technology stack, from setting up on-premise servers, curating & migrating databases, and CI/CD pipelines utilizing Bitbucket and Jenkins.

### Cognizant

June 2021 - Oct 2022

*Associate Full Stack Developer*

- Transformed the Retail-Consumer-Goods Sales Division's client presentations by introducing interactive prototypes, leading to more engaging and effective sales engagements.
- Developed a cutting-edge e-commerce Retail/Beauty application featuring virtual try-on capabilities using Mediapipe and 3.js, enhancing the online shopping experience.
- Successfully delivered multiple complex projects integrating NFC/GeoTech, D3 data visualization, and WebXR technologies, collaborating effectively with international teams.
- Effectively communicated project vision and progress to diverse audiences, including clients, upper management, and business unit executives, ensuring stakeholder buy-in and project success.

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## EDUCATION

### Arizona State University

- M.S.E. in Software Engineering August 2023-Present.
- B.S. in Software Engineering, cum laude, August 2017-May 2021.

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## TECHNOLOGIES

*Java, Spring Boot, JavaScript/Typescript, React, JSON, REST, AWS, MySQL, MSSQL Server*