Erick Josafat Salas López

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WORK EXPERIENCE

Axis Connect Us   **Nov. 2023 – Present**
Full-Stack developer   *Remote*

- Axis Connect is a company that provides valuable partnership solutions to the manufacturing and distribution industries ([axisconnect.us](#)).
- As Full-Stack developer, I worked on developing and maintaining an MVC web application as well as making an on-going transition to microservices.
  - Maintained backend services using Java with Spring Boot and Maven.
  - Implemented AWS S3 for scalable and secure file storage solutions.
  - Deployed applications to Heroku, ensuring seamless integration and scalability.
  - Contributed to all stages of the software development lifecycle from requirements gathering to deployment and maintenance.
- Interacted with clients to gather requirements, provide updates and technical support to ensure satisfaction with delivered solutions.
- Ensure code quality through thorough code reviews, writing unit tests, and adhering to coding standards.

EDUCATION

Universidad Autónoma de Ciudad Juárez   **December, 2025**
B.S. in Computer Systems Engineering   *Juárez, Chih.*

- *Summa cum laude* 2X/3.8 GPA.

NOTABLE PROJECTS

Bell Pepper Maturity using a KNN Classifier   **June 2024 – August 2024**
Universidad Politécnica de Guanajuato   *Guanajuato, Mx.*

- Processed and analyzed over 500 images using frequency domain techniques and Fourier Transform to extract frequency components from images.
- Leveraged frequency analysis to train a K-Nearest Neighbors (KNN) classifier to propose a non-invasive method for quality control.

SKILLS & INTERESTS

- **Skills:** Java, Spring Boot, PostgreSQL, AWS S3, Git, Unit Testing, C, C++, Python, Bash,
- **Interests:** Artificial Intelligence, Machine Learning, Compiler Design, Operating Systems, Alternative Rock, Data Structures and Algorithms.

VOLUNTEERING

DAH (Developers and Algorithms Hub)   **April. 2023 – Present**
Founding Member   *Juarez, Chih*

- Support and organization of How-to Dev – a local event hosted by DAH to promote programming skills and IT technologies locally ([dahjrz.com](#)).

UACJ Algorithmic Club   **March 2023 – Present**
Active Member   *Juarez, Chih*

- Current member dedicated to help students with DSA and basics of software engineering.

Fedora Project   **May-2024-Present**
Active Member   *Remote*

- I volunteer in translations from English to Spanish on packages such as anaconda or the dnf package manager for Fedora 40.