Reynaldo Vega

📞 +52 667-151-5706 | ✉ reynaldovega2010@gmail.com | ⌗ ReyVega | 🔗 reyvega | 💼 reyvega.app

EDUCATION

Instituto Tecnológico y de Estudios Superiores de Monterrey Guadalajara, Mexico
B.S. Computer Science – GPA: 94/100 *Aug. 2018 – Dec. 2022*

EXPERIENCE

Applications Engineer IC2 Jun. 2024 – Present
Oracle *Guadalajara, MX*
- Developed numerous frontend components using HTML, CSS, and JavaScript, enhancing user experience and usability across multiple web applications. Contributed valuable implementation ideas to developer teams.
- Implemented a Docker-based system adopted by multiple teams, enabling developers to work on new features independently of unreleased code dependencies. This innovation has accelerated development cycles and improved team collaboration.
- Collaborated with multiple teams to address and resolve critical system outages, ensuring minimal downtime and restoring functionality promptly.

DevOps Engineer Jan. 2023 – Jun. 2024
NXP Semiconductors *Guadalajara, MX*
- Strengthened the security of the company's primary website by implementing CSFR and XSS strategies, such as secure authentication forms, a complex CSFR Token system using JWT, and sanitization of all users inputs, effectively mitigating the risk of cybersecurity attacks.
- Developed and deployed automated tools, APIs, libraries, and packages using Python, JavaScript, Bash and Docker to streamline internal procedures, contributing to enhanced operational efficiency.
- Significantly contributed to the development cycle of a virtual machines system for a workforce of over 20,000 employees, enhancing the creation and management lifecycle through AWS, VMWare, RHEL, Ansible, Salt, Python, and automated pipelines.

Software Engineer Intern Aug. 2022 – Jan. 2023
Toshiba Global Commerce Solutions *Guadalajara, MX*
- Made significant contributions to enhancing the company's CI/CD environments by optimizing internal procedures through the use of Jenkins, GitLab and Docker.
- Developed a web app using React.js and a Python-based API tool using Flask and Postgres that substantially improved the efficiency of manual test cases creation within the company.
- Led the implementation of an innovative Cypress testing framework, introducing new functionalities such as database connections, environments creation, and dynamic HTML reports generation. This initiative resulted in an increase in the creation and execution of automated test cases from hours to a few minutes.

PROJECTS

Minecraft World | *React.js, TypeScript, Three.js, Blender* Jan. 2022 – Feb. 2022 ⌗ 🚀
- Designed and crafted a dynamic 3D model of the renowned video game "Minecraft" incorporating a dynamic scenario, textures, music, and animations.
- Integrated controllers, animations, lighting, and sound. Configured the entire environment to facilitate the display of the model, thereby elevating the overall user experience.

Laika's Web App | *React.js, Node.js, JavaScript, MySQL* Jul. 2020 – Dec. 2021 ⌗
- Crafted and developed a robust web-based database application for Fundación Laika Protectora de Animales A.C, a committed private association that has successfully rescued and cared for over 8,000 animals.
- Enhanced administrative processes by developing and implementing user-friendly front-end application forms. Furthermore, played a key role in the design, creation and implementation of the database.

TECHNICAL SKILLS

Programming languages: Python, Java, C++, C, JavaScript, TypeScript, SQL
Frameworks/Libraries: React.js, Next.js, Node.js, Flask, Express.js, Cypress, Cucumber, Vite
Developer Tools: Linux, Git, GitHub, GitLab, Docker, Bash, Jenkins, Maven, Ansible, Salt, Azure, AWS, GCS
DBs: MySQL, MariaDB, Postgres, MongoDB, Firebase
Languages: Spanish (Native), English (Proficient - C1), French (Basic - B1)