Reynaldo Vega

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EDUCATION

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

EXPERIENCE

DevOps — Jan. 2023 – Present
NXP Semiconductors — *Guadalajara, MX*
- Strengthened the security of the company's primary website by implementing robust CSFR and XSS strategies, effectively mitigating the risk of cybersecurity attacks.
- Played a significant role in the development cycle of virtual machines for over 20,000 employees, enhancing their lifecycle creation and management using Ansible, Salt, and automated pipelines. This resulted in reduced average times for deployment and increased efficiency in managing the virtual machine lifecycle.
- Actively monitored, supervised, and promptly resolved global-scale issues in real-time, ensuring seamless user experience during critical incidents.

Software Engineer Intern — Aug. 2022 – Jan. 2023
Toshiba Global Commerce Solutions — *Guadalajara, MX*
- Created a Python-based API tool utilizing Test Rail API, resulting in a significant enhancement of manual test cases creation efficiency within the company. Reduced the time required for creation from hours to just a few seconds.
- Took charge of implementing a new Cypress testing framework, resulting in enhanced efficiency for automated test cases creation and notable reduction in execution times, with an average decrease from 1 hour to just 15 minutes.
- Made significant contributions to enhancing the company's CI/CD environments by optimizing internal procedures through the utilization of Jenkins and GitLab pipelines.

PROJECTS

Lottery Truffle | *Next.js, TypeScript, Web3.js, Metamask, Solidity, Truffle* — Feb. 2022 – May 2022 ⓞ
- Created a web application that enables users to participate in lottery games and make bets using the Ethereum blockchain.
- Played a key role in the development of the back-end, leveraging Web3.js to facilitate seamless transactions and empower users to place bets using their cryptocurrency.

Rythm App | *Android Studio, Java, Python, Firebase, AWS* — Jan. 2021 – Jun. 2021 ⓞ
- Designed and developed an Android application that offers users the ability to effortlessly search, listen to, and organize their preferred music.
- Constructed intuitive front-end forms to facilitate seamless management of playlists, songs, users, and action events.
- Played a vital role in the development of the back-end, implementing essential features such as user registration, login functionality, secure storage of playlists, and an intelligent song recommendation system.

Laika's Web App | *React.js, Node.js, JavaScript, MySQL* — Jul. 2020 – Dec. 2021 ⓞ
- Designed and developed a robust web-based database application for Fundación Laika Protectora de Animales A.C, a dedicated private association that has effectively rescued and provided care for more than 8,000 animals.
- Developed user-friendly front-end application forms to streamline administration, login functionality, and animal registration within the database.
- Implemented a seamless system that generates and enables the download of PDFs containing comprehensive animal records, facilitating easy access to detailed information about the organization's rescued animals.

TECHNICAL SKILLS

Programming languages: Python, Java, C++, C, JavaScript, TypeScript, SQL, Gherkin
Frameworks/Libraries: React.js, Next.js, Node.js, 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), French (Basic)