Kenny G Perez

+1 (321) 558 0189 | kennygperez@gmail.com | kennygperez.com

PROFESSIONAL EXPERIENCE

K16 Solutions – Application Developer
April 2022 – Present

- Designed and maintained the development of robust CRUD functionalities to facilitate seamless data migration between Learning Management Systems. Leveraged AWS resources including CloudFormation, Lambda, PostgreSQL, S3, CloudWatch, and EC2 to ensure efficient and reliable operations.
- Developed crucial system contributions for customers, resolving issues related to the handling of non-English characters in our codebase. This ensured that non-English customers materials remained legible and usable.
- Designed and implemented a local AWS SQS solution to facilitate the entire migration process, enabling developers to run the development environment locally with the SAM CLI and leverage the VS Code debugger. This initiative significantly reduced delivery time and improved customers outcomes.

Elgato (acquisition) – Software Engineer
February 2021 – April 2022

- Spearheaded the development of the company's first computer vision product within the streaming space. Using C++, OpenCV, NodeJS, React.JS, and Electron.JS.
- Contributed to the development of the backend for Elgato's new digital asset marketplace, focusing on managing digital assets using Django.
- Improved productivity across our German and North American teams by translating project requirements from project shareholders.

Visuals by Impulse – Software Engineer
January 2018 – February 2021

- Designed and implemented a groundbreaking computer vision-powered overlay that played a pivotal role in VBI's eventual acquisition by Corsair, operating under Elgato.
- Integrated best practices with Point Zero to improve product quality for world renowned influencers.
- Instituted the development of a proprietary CRM from the ground up, this increased productivity, and solved workflow issues resulting in more effective communication with customers.
- Mentored junior developers to foster their professional growth and skill development.
- Amplified communication between shareholders and the engineering team. This created a successful workflow for converting business needs into technical requirements to distribute to the engineering team.

UCF Center for Distributed Learning – Techranger
February 2018 – August 2020

- Led the development of a QR code-based attendance application, composing a native mobile app and an LTI-enabled Python/Django web application. Led the development of the mobile application project, and refactored the student design project code to ensure production readiness and adherence to best practices. Employed React Native and Expo SDK for UCFHere.

SKILLS

Programming Languages
Typescript, JavaScript, Python, Java, Go, Dart

Technologies
Git, AWS, PostgreSQL, SAM CLI, DigitalOcean, Docker, GitLab CI, Nginx, OAuth2, MySQL, DynamoDB, MongoDB

Web Frameworks and Libraries
SvelteKit, TailwindCSS, SCSS, Expo, Vue.js, React.js, React Native, Flutter, Django, Django REST Framework

Code Quality
TDD, Jest, ESLint, Prettier

EDUCATION

University of Central Florida (UCF)
B.S. Computer Science
Summer 2015 – Spring 2021

LANGUAGES

English
Spanish