

Jose Zacarias

Software Engineering Student

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EDUCATION

ENSIGN COLLEGE

SOFTWARE ENGINEERING BACHELORS DEGREE

GPA: 4.0

Sept 2022 - Jun 2026

Salt Lake City, Utah

UNIVERSIDAD NACIONAL HERMILIO VALDIZAN

CIVIL ENGINEERING BACHELORS DEGREE

Jan 2018 - Jan 2020

Huanuco, Peru

EXPERIENCE

DAYWANETI | SOFTWARE ENGINEERING INTERN - FULL STACK DEVELOPER Chicago, Illinois | April 2024 – July 2024

- Leading development of a comprehensive web app for Daywaneti, integrating Django, React, Firebase, and Stripe.
- Responsible for planning, design, development, and deployment phases.
- Developing API endpoints and intuitive user interfaces, integrating Firebase for authentication and Stripe for payments.
- Expected to deliver high-quality solution within budget constraints.

ENSIGN COLLEGE | CANVAS API INTEGRATOR & LMS ADMINISTRATOR

Salt Lake City, Utah | Nov 2022 –

April 2024

- Transitioned from LMS Support, recognizing the potential of Canvas APIs to enhance efficiency.
- Spearheaded the development of the "Ensign Canvas App," utilizing Canvas APIs to automate tasks, reducing operational time by up to 80%.
- Drove the creation of "Shepherd's Guide," a web app leveraging Canvas data to proactively identify at-risk students, empowering timely teacher intervention.

SKILLS

PROGRAMMING LANGUAGES	Python, Java, Dart, Javascript
LIBRARIES/Frameworks	Flutter, Flask, Django, React
TOOLS / PLATFORMS	Firebase, MongoDB, AWS, Docker, Stripe
DATABASES	MySQL

PROJECTS / OPEN-SOURCE

SHEPHERD'S GUIDE

Django, React

- Web app designed to identify the At-Risk Students at Ensign College using the Canvas APIs

ENSIGN CANVAS APP WEB APP

Flask, Javascript, Python

- Conceptualized and led the development of the Ensign Canvas Admin Portal using Flask and the Canvas Instructure API.
- Resulted in a revolutionary web app that automates processes, optimizes workflows, and ensures a seamless experience for the Canvas Team at Ensign College.

ZACMEL.DEV | LINK

HTML, CSS, Javascript, Firebase

- Self-taught HTML, CSS, & JS to design and develop a personal website to showcase projects and achievements.

VIRTUALCASH | [LINK](#)

- Designed and created an app using Flutter that enables event-based virtual transactions using QR codes and Gmail accounts as hosts. (Available on Google Play Store)

CERTIFICATIONS

- CS50 Introduction to Artificial Intelligence with Python - **HARVARD UNIVERSITY**
- CS50 Introduction to Computer Science - **HARVARD UNIVERSITY**
- Career Essentials in Software Development - **MICROSOFT AND LINKEDIN**
- Relevant Coursework for Software Engineering: OOP, Data Structures, Discrete Math
- Relevant Coursework for Civil Engineering: Calculus I, II, III, IV