

José Manuel Chavez

[LinkedIn](#) | [Github](#) | [Portfolio](#)

Education

Computer Science, B.S. | University of California, Santa Cruz

Graduated: June 2024

Skills

NodeJS, JavaScript, NestJS, Angular, React, Postgresql, Open API, Swagger.io, C/C++, GoLang, Java, AWS, PHP, Docker

Experience

Web Developer | Rayzist Photomask, Inc 01/2020 - present

- Revamped company websites written in PHP, enhancing security, and optimizing for SEO
- Managed various small to large-scale e-commerce WordPress sites, leveraging WooCommerce, with a focus on core functionality, leading to a better experience for customers

Senior Angular Developer | Tech4Good @ UCSC 09/2022 - present

- Leading and mentoring various teams of 12 undergraduate students every quarter to efficiently develop an Angular web application based off PhD students research using scrum methodology
- Teaching students semantical and accessible development to better enhance the experience of users
- Organizing tasks to assign to members based on their skill level, and strategize toward efficiently completing the project in an Agile environment using sound UI/UX principles

Vice President of Tech | Blueprint 09/2023 - 07/2024

- Creating and presenting various technologies such as Web and Mobile Development to a group of 20 students
- Assisting product managers and their team to create a fully functional mobile application for a non-profit organization using React Native and Firebase
- Administering the main website that uses Wordpress to ensure latest content and resources are available
- Delivering test units and automated tests to ensure code quality and correctness for our clients

Cloud Software Engineer Intern | Guidewire 06/2023 - 08/2023

- Monitored and managed multiple AWS accounts to optimize cost efficiency, scaling reliably and efficient using tools such as DataDog, Kubecost, and native AWS services, successfully preventing cost overruns.
 - Designed and developed cost-saving infrastructure programs using TeamCity, Python, and GoLang, focusing on resource optimization and unused resource alerting.
 - Contributed with a group of 5 professionals to reduce approximately \$450,000 in annual costs by optimizing cloud resources and improving the system's overall performance
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Projects

Help Me Pass | Winter 2024 | <https://www.helpmepass.study/> & [repo](#)

- Won 2nd Place at CruzHacks 2024 under Education category
- Web application built from NextJS, Prisma, and OpenAI to help students prepare for their upcoming courses by using a personalized survey and ratings from RateMyProfessor
- Scraped data off from UCSC catalog and RateMyProfessor with Python and data displayed with ReactJS

KickBack App | Spring 2023 | <https://github.com/Romanguy13/kickback>

- Collaborated with 4 other developers to create an event-based, Google Calendar like, application using React Native and Expo working in both backend and frontend development
- Designed the infrastructure and middleware utilizing Firebase and OOP in JavaScript for dynamic endpoint calling saving hours in programming

Baskin Website | Winter 2023 | <https://www.baskin.app/>

- E-Commerce website built off of Node.js, React, Next.js, and PostgreSQL with 5 other members
- Built an image service using Express with image optimization and conversion for it to achieve a lower

Organizations

- MESA Engineering Program, and Society of Hispanic Professional Engineers (SHPE)
- UCSC BluePrint
- Tech4Good @ UCSC