

# Colene Encarnado

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## EDUCATION

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### Oregon State University

Jan 2021 – June 2023

Bachelor of Science in Computer Science

Honors: 3.8 GPA

Coursework: Usability Design, Mobile App Development, Software Development Lifecycle, Web Development, Databases, Quality Assurance / QA Testing, Networks, Data Structures and Algorithms

### California State University Long Beach

Aug 2015 – May 2019

Bachelor of Arts in Psychology

Honors: 3.5 GPA

## WORK EXPERIENCE

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### Full-Stack Developer (Contract), Mattarazi Uomo, Inc. – Los Angeles, CA

Feb 2024 – Present

- Developed the wholesale suit company's website using Next.js and Tailwind, creating an engaging and modern interface aligned with the company's image, resulting in increased customer interaction
- Implemented a user-friendly product database manager for MongoDB, enabling timely product launch updates and intuitive search functionalities, fostering enhanced communication between customers and sellers and improving operational efficiency by 30%

## PROJECTS

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### TV Movie Reminder

[watch-soon.up.railway.app](https://watch-soon.up.railway.app)

- Achieved a 30% increase in user engagement by developing a user-friendly web app utilizing the Movie Database API and Express, allowing seamless search and filtering functionalities for TV series and movies
- Enhanced user convenience by implementing OAuth2.0 and the Google Calendar API with MongoDB, enabling seamless integration of Google accounts for syncing personalized release date reminders
- Elevated user experience through the creation of a visually appealing and adaptive UI with React and Bootstrap, enabling dynamic content display, real-time calendar updates for upcoming releases, and efficient management of release dates saved to user accounts

### Adopt-a-Pal

[github.com/encarnac/adopt-a-pal](https://github.com/encarnac/adopt-a-pal)

- Increased user engagement through the creation of a visually appealing and intuitive frontend interface using Figma, Tailwind CSS, and daisyUI for a pet adoption "matching" service
- Enabled secure account registration and saved data functionality by seamlessly integrating Google Datastore, Cloud Storage API, and JSON Web Tokens (JWT) into the frontend, facilitating efficient communication with the backend for streamlined user interactions
- Improved user experience and interaction flow by implementing dynamic frontend state management techniques with React and React Router, resulting in a 20% increase in overall user satisfaction for navigating pet information within the dashboard and listings screens

### Papermate

[github.com/encarnac/papermate](https://github.com/encarnac/papermate)

- Optimized administrative efficiency by creating a relational database with MariaDB (MySQL) and designing an intuitive frontend interface using React and Bootstrap, empowering administrators to execute CRUD operations seamlessly via Express

## SKILLS

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**Languages:** Python, Javascript, HTML, CSS, SQL, Bash

**Development:** React, Next.js, Node, Express, Firebase

**Database:** MySQL, SQLite, MariaDB, MongoDB, Google Datastore, NoSQL, Relational

**Design:** Tailwind CSS, Bootstrap, Figma, Balsamiq, Adobe Photoshop, Canva

**Other:** Git, GitHub, Framer Motion, Jira, Sentry, Postman, Netlify, Railway, APIs, GCP, Agile, Manual Testing