

Matthew Almeida

Software Engineer

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TECHNICAL SKILLS

Languages: Java, Javascript, Python, SQL, HTML, CSS

Frameworks/Tools: React, Redux, Express, Flask, Sequelize, SQLAlchemy, PostgreSQL, AWS, Socket.io, SQLite, Spring

Key Skills: Pair Programming, Test-Driven Development (TDD), Object-Oriented Programming (OOP), Scrum Methodologies

Courses/Certifications

AWS Cloud Practitioner (Validation #: J01TPV0C0J4418S6)

Nov 2023 - Nov 2026

Machine Learning Specialization (DeepLearning.AI and Stanford University)

Supervised Machine Learning: Regression and Classification

[Certificate](#)

Advanced Learning Algorithms

[Certificate](#)

Unsupervised Learning, Recommenders, Reinforcement Learning

[Certificate](#)

PROJECTS

Don't Wreck My House | Java | Spring

[GitHub Repo](#)

A comprehensive mockup that replicates the functionality of a reservation booking system for guests interested in booking accommodations hosted by individuals.

- Demonstrated proficiency in Java programming and utilized Spring framework for efficient dependency management.
- Implemented user-friendly features for viewing, booking, updating and canceling reservations.

AnimeVibes | Javascript | Python | React | Flask | SQLAlchemy

[Live](#) | [GitHub Repo](#)

A vibrant TikTok clone designed exclusively for anime enthusiasts, offering a platform to share and discover captivating short videos celebrating the world of anime.

- Developed by combining Flask and SQLAlchemy for the backend, allowing for efficient data management, robust API integration, and seamless user interactions.
- Implemented React and Redux in the frontend development, leveraging their power to create a captivating user interface, enhance video playback, and effectively manage state for an immersive and interactive experience. Additionally, incorporated AWS services for seamless storage, fast content delivery, and scalable infrastructure, ensuring a reliable and efficient platform for users to share and discover anime-related content.

Vacabnb | Javascript | React | Express | Sequelize | SQLite

[Live](#) | [GitHub Repo](#)

An innovative Airbnb clone, connecting travelers with unique accommodations for unforgettable vacations.

- Leveraged the power of Express.js with Sequelize to build a scalable and efficient backend for VacaBnb, ensuring seamless communication between the server and the database.
- Employed React and Redux in the frontend development, enabling dynamic and interactive user interfaces, while efficiently managing state and data flow for enhanced performance and scalability.

Shopsy | Javascript | Python | React | Flask | SQLAlchemy

[Live](#) | [GitHub Repo](#)

A dynamic Etsy clone empowering artisans and small businesses to showcase and sell their unique creations in a thriving online marketplace.

- Collaborated effectively with a team of 3 peers to employ Flask and SQLAlchemy for the backend, enabling seamless data management, efficient routing, and robust database integration.
- Utilized React and Redux in the frontend development, working alongside the team to create an immersive and user-friendly shopping experience, while effectively managing state and ensuring smooth data flow for a seamless user interface.

WORK EXPERIENCE

Athletic Trainer: Southern Connecticut State University, New Haven, CT

Aug 2012 – Aug 2022

- Led injury prevention programs, implemented evidence-based treatment plans, conducted comprehensive clinical evaluations, and accurately diagnosing and treating various sports injuries enabling athletes to return to play sooner.
- Collaborated with athletic programs and events, facilitating seamless coordination and communication, ensuring successful outcomes and positive experiences for participants.
- Demonstrated adaptability and effective communication in high-pressure situations, effectively handling emergencies and critical cases on the field.

EDUCATION

Immersive Full Stack Web Development Course

App Academy – 2023

Masters of Science | Sports Medicine

California University Of Pennsylvania – 2014

Bachelors of Science | Athletic Training

Southern Connecticut State University – 2012