

Katie Piele

303-518-9844 • piele.katie@gmail.com • [Portfolio](#) • [LinkedIn](#) • [GitHub](#)

SKILLS

JavaScript, React, Redux, Python, SQLAlchemy, Node.js, Express, HTML, CSS, SQL, AWS S3, Git, PostgreSQL, Sequelize, API, Pair Programming, Object Oriented Programming, Object-Relational Mapping

PROJECTS

FriendZone • [JavaScript](#) • [React](#) • [Redux](#) • [Python](#) • [Flask](#) • [SQLAlchemy](#) • [CSS](#) • [PostgreSQL](#) • [ASW S3](#)

[Live](#) • [Github](#)

- Collaborated with a team of 4, adhered to **Agile methodologies**, conducted daily standups, maintained **Git version control**, and resolved roadblocks to maintain a cohesive workflow to successfully deliver product.
- Integrated **AWS S3** to deploy and maintain the application images in a cloud environment, ensuring scalability.
- Implemented **SQLAlchemy ORM** to interact with a PostgreSQL database, leading to seamless data retrieval and manipulation.

Plantsy • [JavaScript](#) • [React](#) • [Redux](#) • [Python](#) • [Flask](#) • [SQLAlchemy](#) • [CSS](#) • [PostgreSQL](#)

[Live](#) • [Github](#)

- **Refactored** and optimized code for better performance, readability, and maintainable architecture.
- Utilized **Redux** store normalization for data retrieval and rendering, minimizing fetch calls and achieving O(1) time complexity.
- Implemented robust backend and front-end validations to ensure data integrity and enhance user interactions.

SpotBnB • [JavaScript](#) • [React](#) • [Redux](#) • [Express.js](#) • [Postman](#) • [SQLAlchemy](#) • [CSS](#) • [PostgreSQL](#)

[Live](#) • [Github](#)

- Engineered a web application inspired by Airbnb, allowing full **CRUD** functionality for 3 features.
- Employed a **test-driven development** environment by utilizing Postman to design and execute custom tests for **RESTful API**, validations and error handling.

WORK EXPERIENCE

Account Manager • *The Edge Agency*

Jan 2022 - Jan 2023

- Managed social media accounts, crafted brand-aligned content, reported analytics.
- Averaged over 10% monthly growth for accounts and increased engagement by an average of over 30% monthly.

Skydiving Instructor and Personal Coach • *Global Skydiving Centers*

Mar 2015 - Present

- Served as a skilled skydiving instructor and personal coach, providing comprehensive training and guidance to individuals of all skill levels in various locations worldwide, totaling over 5,000 skydives.
- Played a key role in breaking two world records with a team of 80 women, utilized expertise to train participants and deliver motivational speeches, inspiring and empowering women to achieve success.
- Partnered with Women in Skydiving Network to drive outreach, empowering women to take on advanced roles, elevating female tandem instructors by 50%.

Measurements While Drilling Field Engineer • *Schlumberger*

Mar 2013 - Mar 2015

- Led offshore oil rig operations, overseeing formation evaluation, geosteering, and drilling optimization.
- Troubleshooted and solved problems to optimize drilling process and ensure continuous operations.

EDUCATION

Full Stack Web Development Certification • *App Academy*

July 2023

- Spent 1000+ hours coding, daily paired programming, gaining a hands on experience in full stack development

Bachelors of Science, Physics • *Metropolitan State University of Denver*

Dec 2012