# Lucas Richards | Full Stack Software Engineer

Irvine, CA 92604 | 949-241-5305 | lucasandrewrichards@gmail.com  | [LinkedIn](#) | [GitHub](#)

## SUMMARY

I'm a full stack software engineer and data scientist with 5+ years of experience as an industrial engineer and project manager. In my previous roles, I drove efficiency by integrating tools including AI, custom API's, Python scripts, and e-commerce websites that reduced order processing times by 25%.

## TECHNICAL & INTERPERSONAL SKILL

**Languages:** Python, JavaScript, Node.js, HTML, CSS, JSON, Typescript, EJS
**Libraries and Frameworks:** React, Express.js, Django, Bootstrap, AI,
**Databases and other:** SQL, PostgreSQL, MongoDB, RESTful Routing, API, Acumatica (ERP), BigCommerce, Postman
**Interpersonal skills:** Problem-solving, adaptive leadership, time management, empathy, collaboration

## EXPERIENCE

**Westridge Laboratories, Inc, Project Manager | Web Developer**            *Santa Ana, CA, 01/2021 - 06/2023*
*Orchestrated the successful launch of two distinct websites, overseeing end-to-end project execution. Coordinated cross-functional teams, ensuring seamless collaboration between design, development, content, and testing units.*
- Achieved a 25% reduction in order processing times through the development of an eCommerce website.
- Created a Python script to execute the transition to a new SKU schema for the website automation project.
- Integrated AI into a custom application to improve customer experience.
- Developed APIs to automate daily tasks such as customer address sales tax verification and inventory management.

**Westridge Laboratories, Inc, Industrial Engineer**            *Santa Ana, CA, 06/2019 - 01/2021*
*Implemented strategies to enhance production efficiency and reduce manufacturing costs, increasing the productivity and capacity of the company.*
- Increased production capacity by 75% and cut production costs by 50% through automation of the production line.
- Implemented a new production line in less than a month to fulfill a client order.

**Quilmes (AB-InBev), Project Manager**            *Buenos Aires, Argentina, 01/2018 - 01/2019*
*Selected for the "Industrial Talent Program" with the Project manager role during the stages of development, implementation, and control of the work philosophy "Autonomous operations" for South America.*
- Conducted weekly meetings with senior managers to report KPIs performance and provide strategic insights.
- Facilitated seamless communication between cross-functional teams and senior management.

## TECHNICAL PROJECTS

**Trading App - [GitHubAPI](#) | [GitHubClient](#) | [App](#) - MERN, Express, React, node  | React-Bootstrap, Mongoose**
*Simulated space where individuals can practice and learn about trading financial assets without using real money.*
- Leveraged the power of the MERN stack and React-Bootstrap to build a modern, dynamic platform.
- Powered by Node.js and Mongoose for robust back-end functionality.

**Task Manager - [GitHub](#) | [App](#) - Python, Django | Materialize, SQL, AWS, Render, Neon**
*The Task Manager you always wanted to organize and manage your projects! Easy to use with a nice and smooth flow.*
- Developed using the Django framework, leveraging its robust features for creating tasks and managing projects.
- Crafted user interface for aesthetics and an enhanced user experience, featuring a stylish design powered by Materialize, which provides a modern and responsive visual presentation.

**Smoothie App - [GitHub](#) | [App](#) - JavaScript, CSS3, HTML5 | Bootstrap, EJS, MongoDB, MVC, API, fly.dev**
*Create your favorite smoothie and share it with the world. More than 900,000 ingredients.*
- Enhanced the user's experience using EJS to provide a real-time display of macronutrients.
- Utilized MongoDB for data storage, implemented an MVC architecture for organized structure, and integrated APIs.

## EDUCATION

| | |
|---|---|
| **General Assembly, Software Engineering Immersive** | *Remote, Graduated: 10/2023* |
| **UCI, Certificate of Data Science** | *Irvine, CA, US, Graduated: 12/2022* |
| **UCA, Bachelors of Industrial Engineering** | *Buenos Aires, Argentina, Graduated: 12/2018* |
| **UTS, University Exchange of Industrial Engineering** | *Sydney, Australia, Graduated: 02/2017* |