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Xavier Rivera

Software Engineer

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Here is the corrected paragraph: As an entry-level full-stack engineer, I am committed to staying at the cutting edge of technology trends and consistently expanding my skill set. My goal is to bridge the gap between web design and functionality. I have experience using front-end technologies such as HTML, CSS, and JavaScript. Additionally, I am proficient in back-end technologies, including Python, JavaScript, and SQL. These skills allow me to develop dynamic web applications with high-quality user interfaces and robust backends.

Professional Experience

January 2017 - January 2019

Machine Operator   **Tomz Corporation**

- Maintained consistent production and standards in high-volume manufacturing environments
- Observed production quality and detect errors and inaccuracies, altering the code to rectify issues promptly
- Performed regular preventive machine maintenance and malfunction troubleshooting

July 2016 - January 2017

Machine Operator   **Edro Corporartion**

- Transform manufacturing instructions and specifications into computer code
- Observe production and detect errors and inaccuracies, altering the code to rectify issues promptly
- Assess completed products against the manufacturer's specifications to ensure quality control

Education

September 2012 - June 2016

Certification in Manufacturing

EC Goodwin tech*, CT*

- Learned the basics of mechanical operations and mechancial engineering
- Understand quality control and assurance
- Write machine code with CAD and CAM software for CNC programs

March 2023 - Present

Certification in Software Engineering

SpringBoard

- Completing 700+ hours of hands-on course material, with 1:1 industry expert
- Completing 4 in-depth portfolio projects.
- Mastering skills in front-end and back-end web development, databases and data structures and algorithms.

Projects

Warbler

- Warbler is a social media website that offers a safe, user-friendly platform for individuals to connect, share, and express themselves.
- Warbler is developed using Flask, a powerful Python framework, along with the robust security features provided by bcrypt and the flexibility of SQLAlchemy.

Lunchly

- Lunchly is a reservation platform built with JavaScript, Express, and Node.js. It offers a user-friendly interface that allows customers to easily make and manage reservations for a restaurant

- The integration of Express enables quick and efficient handling of HTTP requests. Additionally, the utilization of Node.js allows for real-time, event-driven communication between the client and server, making the reservation process fast and reliable.

Reviews

- Whether it's fetching data from external sources, processing requests, or displaying real-time updates, this website's combination of Python and Flask, along with its JavaScript front-end demonstrates efficiency to create dynamic websites with seamless API integration.

Key Skills

Flask	████████	SQL	████████
React	██████▱	Express	███████▱
Node.js	███████▱	Html & CSS	████████
Javascript	███████▱	Python	████████