

# WILKIN RUIZ VALERIO

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## SOFTWARE ENGINEER

Specialized in front-end, customizable back-end development, and comprehensive system design/architecture.

Software engineer with a strong focus on enhancing user experiences, I am excited to leverage my skills in both front-end and back-end system development. With a background in the correctional department, I bring a unique perspective and a strong drive to create impactful solutions. Eager to expand my knowledge and adapt to the dynamic field of software engineering, I am committed to continuously learning and staying up to date with latest technologies and best practices. Through my transition from the correction department to the software engineering realm, I am determined to utilize my problem-solving abilities and attention to detail to deliver innovative solutions that impact user's experience.

## TECHNICAL SKILLS

**Programming Languages** | Python 3, JavaScript ES6+, TypeScript, SQL, HTML5, CSS

**Deployment Websites** | Gitlab pages

**System Design** | Monolithic Systems, Microservices, Message Passing, DRY, MVP, JWT, CORS, CI/CD

**Design, Wireframe, and Storage/Package Management Tools** | Figma, NPM, YARN, Docker, Git, Excalidraw

**Front-End** | DOM manipulation, React, React Hooks, Bootstrap, Tailwind

**Back-End** | Django 4, PostgreSQL, MongoDB, RabbitMQ, FastAPI, MySQL, SQLite3, REST API, NoSQL

**Skills** | UI/UX Design, Website Mockups, Team Leadership, Communication, Project Execution, Time Management, Prioritizing Tasks, Conflict Resolution, Decision Making

## LANGUAGES

**Bilingual:** English (Fluent), Spanish (Native)

## EXPERIENCE

**Full-Stack Developer(Independent) – FJZ,LLC & Essential Solutions** | Buffalo, NY | [fjzapartments.com](https://fjzapartments.com), [gitlab.com/edslowinski/medicare](https://gitlab.com/edslowinski/medicare) | Vite, ReactJS, Tailwind CSS, FastAPI, Mongo DB, FireBase 6/2023 – Current  
*Commissioned to structure and build landing page for various businesses.*

- Collaborating with Medicare policy business team to determine site goals and launch wireframing portion of development.
- Integrating payment system with e-commerce tools including Stripe.
- Curated phase1 of innovative site for rental applications, tenant selection, and resident payment and maintenance portal.

**Full-Stack Developer – Independent Projects** | BayPoint, CA

**Cookit** | [gitlab.com/wilcoding/Cookit](https://gitlab.com/wilcoding/Cookit) | Python, Tailwind, JavaScript, FastAPI, React 5/2023

*Developed web application enabling users to search, save, and create recipes.*

- Collaborated with a team to integrate a 3<sup>rd</sup> party API, enabling seamless recipe search functionality and enhancing user experience.
- Leveraged Python for back-end development and JavaScript for front-end implementation, ensuring efficient data handling and delivering a visually appealing user interface.

**AutoHub** | [gitlab.com/wilcoding/auto-hub](https://gitlab.com/wilcoding/auto-hub) | Python, CSS, JavaScript, Django, React,Docker, Bootstrap 4/2023

*Developed full-stack web and phone application providing sales, service, inventory, and car-management solutions.*

- Led the development of a Sales microservice in collaboration with a partner, using Django and RESTful APIs to manage automobile sales, customer information, and inventory data.

- Coordinated with a partner to create and maintain a Sales microservice, including defining appropriate endpoints, creating function-based views, and implementing a React based user interface to streamline sales data management.

**Task Manager** | [gitlab.com/wilcoding/Task-Management-Web-Application](https://gitlab.com/wilcoding/Task-Management-Web-Application) | Python, HTML, CSS, Django 3/2023

*Developed web application with improved user experience, security measures, and performance optimization.*

- Designed and implemented a secure login and logout feature using HTML, CSS, and Django for a project management application.
- Developed a task management feature for users to input projects and deadlines, utilizing python and Django to create robust backend system that seamlessly stores and retrieves user Data.

**Project Assistant– Social Reverie** | BayPoint, CA

11/2020 – 10/2022

- Developed client wireframe mockups for customized databases increasing build efficiencies by 20%
- Management of user acceptance testing prior to implementation decreasing system errors and failures by 15% prior to full implementation.

**Correctional Officer – NYC Department of Correction** | Queens, NY

6/2017 – 8/2020

- Ensured safety and security within a correctional facility, effectively managing inmate behavior and enforcing rules and regulations.
- Lead intake officer responsible for managing and broadening cases for database management, reducing processing times by 30%.
- Coordinated rotating shift assignments for an intake unit consisting of 10+ officers, including communication of responsibilities and monitoring schedules.

**Waiter/Bartender/Manager – Don Coqui Restaurant** | White Plains, NY

2/2011 – 6/2017

- Developed updated hiring, training, and management protocols resulting in 20% higher retention rate than other regional locations.
- Created positive customer experience by establishing strong communication with staff and patrons.

## EDUCATION

**Hack Reactor** (Advanced Software Engineering Immersive Program) | 1,000+ Programming Hours, Remote

**NYC Correction Academy** (Correction Officer Academy Certificate) | New York, NY

**Development Courses** | Cisco CCNA