Raul Vital

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San Francisco

FULL STACK SOFTWARE ENGINEER

Creative and solutions-driven Full Stack Software Developer with a passion for building intuitive, user focused applications. With a strong foundation in JavaScript, Python, React, and full stack development, I bring a unique mix of technical expertise and problem-solving skills. My diverse professional experiences, including autonomous vehicle high-definition mapping, software troubleshooting, data analysis, and cross functional collaboration has equipped me with a detail-oriented mindset and the ability to adapt quickly to complex challenges and dynamic environments. I am constantly expending my skill set by creating full stack applications with modern technologies such as, JavaScript, Python, Django and MongoDB, staying at the forefront of industry demands.

RELEVANT SKILLS

JavaScript, Python, React	Git, GitHub, MongoDB Atlas	Strong interpersonal skills
Express, Django, Flask	CLI, Visual Studio Code,	Proactive and self-motivated
HTML, CSS, Tailwind	Microsoft Office, Zoom	Excellent communication skills

PROFESSIONAL EXPERIENCE

General Assembly   **June 2024 - Present**
Software Engineer Bootcamp Fellow
Currently working on completing 480 hours of expert-led instruction in JavaScript, Python, React, Django, Node.Js, and hands-on learning of full stack software development in the industry's most in demand technologies. Developed projects, including:
* Wordle Game | Countries Edition - Built with JavaScript, HTML, CSS
  A Wordle-inspired game that grants players 5 chances to guess a 5-letter country.
* Reci-Pies - Built with JavaScript, Ejs, Express, MongoDB, CSS, Node.js
  A full stack MERN application with full CRUD capabilities and Auth implementation that allow users to manage their favorite pie recipes.
* Vital Track - Built with React, JavaScript, MongoDB, Node.js, Express, CSS
  A full stack MERN application for creating and managing workouts and fitness progress. Worked with Database Management and Full Stack Development.
* AlbumTrackr - Built with Python, Django, PosgreSQL, HTML5, Bootstrap
  A record collection full stack MERN application for users with a passion for music. It has full CRUD capabilities with Django Auth and PostgreSQL Database Management.

Waymo via Transdev North America   **November 2022 - Present**
Mapping Specialist
* Created and maintained high-definition (HD) maps that include lane markings, traffic signs, road geometries, and other critical details.
* Utilized various mapping equipments such as LiDAR, GPS, and camera data to ensure accuracy and up-to-date information.
* Planned and executed mapping data collection trips using equipped autonomous vehicles or specialized mapping vehicles.
* Analyzed collected data to identify road changes, construction zones, and other factors that may affect autonomous vehicle navigation.
* Worked closely with the autonomous vehicle development team to validate map data against real-world driving scenarios.
* Identified discrepancies or inaccuracies in the maps and collaborate to resolve them.

Waymo via Transdev North America   **April 2021 - November 2022**
Autonomous Vehicle Test Specialist

- Conducted hands-on testing of autonomous vehicles, including prototype and production models.
- Utilized specialized testing equipment and software to collect data and performance metrics.
- Executed test scenarios in various real-world and controlled environments (urban, highway, adverse weather, etc.).
- Provided feedback and insights to improve the autonomous vehicle's algorithms and software.
- Analyzed test data to identify issues, anomalies, and performance improvements.
- Generated detailed test reports, including data visualizations and recommendations for improvements.
- Communicated test findings to software engineering and development teams.

Pastel Brazzuca   **January 2013 - April 2021**
General Manager

- Create strategies that increase sales; sales increased 20% in the first year due to client retention.
- Reduced food costs 8% after identifying and eliminating inventory issues such as excess ordering, poor storage and inefficient waste management.
- Improved customer satisfaction by providing information and resolving their complaints.
- Experience with Customer Service.
- Exceed sales goals for every month.
- Dealt with software troubleshooting.
- Created social media advertisement to improve marketing and develop strategies to reach customers.
- Administered payroll, completed paperwork, wrote schedules and hired employees.

EDUCATION & CERTIFICATIONS

Software Engineering - Full Stack
General Assembly

Computer Science
City College Of San Francisco

JavaScript Course
CodeCamp

IT Technical Support
Google Certificate