Sarper Celebioglu

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Senior Software Engineer – Systems & Automation
Internal Tools • Backend Systems • Process Automation

Systems and automation-focused engineer with hands-on experience designing and building internal tools, backend systems, workflow automation, and physical-world deployments. Strong at translating complex operational requirements into scalable, maintainable technical solutions using Python and modern web technologies. Proven ability to own systems end-to-end, improve reliability through automation, and provide technical leadership through architecture and system design. M.S. in Software Engineering (AI concentration) with strong systems and automation focus.

TECHNOLOGY STACK

- **Languages & Frameworks:** Python, JavaScript, SQL, Django, React, Node.js
- **Systems & Tools:** Internal Tools, Automation, API Integrations, Git, Unix/Linux

EDUCATION

- **Master of Science (M.S.) – Software Engineering, AI Concentration | 2022 – 2024**
  International Technological University (ITU), San Jose, CA
- **Certificate – Web Application Programming | 2020 – 2021**
  City College of San Francisco, CA
- **Bachelor of Science (B.S.) – Mechanical Engineering | 2008 – 2012**
  Zonguldak Karaelmas University, Turkey
- **Associate Degree – Business Administration | 2009 – 2011**
  Anadolu University, Turkey

EXPERIENCE

SF CITY PARKING, LLC — San Francisco, CA
VP of Operations & Systems Automation
Jan 2024 – Present

- Designed, built, and owned internal automation systems to migrate manual workflows into centralized, schema-driven platforms.
- Developed and maintained Python- and Django-based internal applications, including dashboards and role-based access systems used across multiple business functions.
- Built and maintained full-stack web tools using Next.js, React, Python, and SQL, supporting daily operations for non-technical users.
- Integrated and automated data flows across third-party platforms and APIs to improve data consistency, and reporting accuracy.
- Designed and experimented with LLM-powered automation tools to analyze, transform, and validate structured operational data.
- Owned system architecture, data pipelines, and internal tooling end-to-end, emphasizing reliability through automation and thoughtful system design while defining system standards and implementation patterns.

SF CITY PARKING, LLC — San Francisco, CA
Systems Analyst
May 2023 – Dec 2023

- Designed and implemented internal systems and automation tools to support operational reporting and workflow optimization.
- Built backend scripts and reporting pipelines to improve data accuracy and reduce manual processes.
- Collaborated with stakeholders to translate business and operational requirements into technical solutions.
- Maintained and improved internal tools with a focus on stability, maintainability, and scalability.

WEST COAST GLOBAL TRADING LLC — San Francisco, CA
Technical Founder (Side Venture)
Dec 2023 – Present

- Designed and built internal systems and web infrastructure to support automation, integrations, and centralized platform management.

LEONI GROUP — Bursa, Turkey
Purchasing Engineer → Team Lead (Systems & Data Focus)
Dec 2012 – Dec 2018

- Worked closely with IT teams to improve SQL-based ERP workflows and reporting interfaces.
- Built QlikView dashboards and data queries to analyze procurement and logistics data.
- Supported SAP implementation as a Key User and Cutover Manager, bridging business requirements with system execution.