

SEMİH BAŞ

SOFTWARE DEVELOPER | PYTHON, BACKEND & AUTOMATION

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Beylikduzu, Istanbul, Türkiye



PROFESSIONAL SUMMARY

Computer Engineering graduate and freelance software developer with hands-on experience building Python automation, REST API integrations, database-driven business applications, and Linux-hosted services. Experienced in translating operational requirements into reliable backend workflows using Python, SQL, Selenium, background workers, and scheduled jobs. Targeting backend, software development, and automation engineering roles.

PROFESSIONAL EXPERIENCE

Freelance Software Developer | 2020 - Present

- Delivered web and mobile software for client and business workflows using Python, Kotlin, PHP, JavaScript, and C#.
- Built and maintained REST API integrations, backend services, and MySQL-based data models for ERP-like and data-driven applications.
- Automated data collection and operational processes with Python, Selenium, BeautifulSoup, background workers, and scheduled jobs.
- Deployed and operated long-running applications on Linux servers, including monitoring, maintenance, and cron-based execution.
- Worked directly with clients and stakeholders to clarify requirements, troubleshoot production issues, and deliver end-to-end solutions.

SELECTED PROJECTS

Business Management & ERP System | PHP, MySQL, JavaScript, REST APIs

- Developed a database-driven system for business operations, implementing backend workflows, data management, and API integrations.

Web Automation & Data Collection Platform | Python, Selenium, BeautifulSoup, Linux

- Built a reusable automation platform with proxy management, request throttling, error handling, and continuous remote-server execution.

Appointment Availability & Booking Automation | Python, Selenium, Background Workers

- Developed and deployed a high-frequency workflow used by multiple consultancy firms, supporting more than 1,000 successful appointment bookings.

Cinema Ticket Web Application | Full Stack Web Development, MySQL

- Implemented ticket browsing and purchasing flows with backend services, relational database design, and frontend components.

Additional Android Applications | Kotlin, Android, AI-assisted features

- Built Falcı Neriman, a tarot and coffee fortune-telling app, and continued development of Dijital Olta, an AI-assisted fish recognition app.

TECHNICAL SKILLS

Languages: Python, SQL, Kotlin, PHP, JavaScript, C#

Development & Data: Backend Development, REST APIs, Full Stack Web Development, API Integration, MySQL, Relational Database Design

Automation & Testing: Selenium, Playwright, BeautifulSoup, Web Automation, Software Testing

Tools & Infrastructure: Git, GitHub, Docker, Linux, Server Deployment, Background Workers, Cron Jobs

EDUCATION

B.Sc. in Computer Engineering | Çukurova University | 2021 - 2025 | GPA: 3.11/4.00

Associate Degree in Computer Programming | Dokuz Eylül University | 2018 - 2020

Languages: Turkish (Native), English (Upper Intermediate - B2)