

Barry Al-Jawari

Software Engineer & IT Consultant

Professional Profile & Capabilities

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Since 2019 I have worked in test automation as a consultant, first on IKEA web applications and now in a Bosch team that builds software for physical products. Through my company, B Jawari AB, I also build and connect the web systems that shops and service businesses use every day.

CONSULTING ASSIGNMENTS

Bosch

Senior Test Automation Engineer in an embedded-systems product team, first through Knowit and now through my company, B Jawari AB.

IKEA

Test Automation Engineer on the New Kitchen Planner and the Singapore online checkout, through Knowit.

CAPABILITIES

Software Quality & Test Automation

Automated checks that run every time the code changes, so faults are found during development rather than after release. I build test automation, including checks that run on physical devices, and advise on what is worth automating.

IN PRACTICE

Bosch
consulting

test framework that checks product software on real hardware

IKEA
consulting

automated tests for the kitchen planner and the online checkout

Business Applications & Systems Integration

Web applications that staff and customers use every day, connected to the systems a business already has, so information updates without manual work. Staff areas sit behind a login, with separate roles where needed, and customer data can be deleted on request.

Skånska Däck
client project

6,000+ tyres and 2,300+ wheels from two suppliers, matched to each vehicle

Woofadez
client project

bookings, staff schedules and notifications for a barbershop

Dibéle
client project

four-language clinic website synced with its booking platform

Digital Commerce & Operational Workflows

Online sales connected to physical shops, and services that run around the clock. When a shop and its website share stock information, an item sold in one place is taken off sale in the other.

Vintelli
co-owned shop

online store connected to the shop's existing point-of-sale system

AutoSnkr
own product

400+ members, 100+ stores monitored around the clock, built solo

WHERE A COLLABORATION COULD BEGIN

Proposed work, based on the experience above.

An assessment of an existing application's automated checks and release process, with a plan for what to automate first.

A business application or integration with a defined scope: booking, catalogue, stock or access control, connected to systems already in use.

A pilot that connects an online channel to existing shop systems so both work from the same stock information.

CAREER HISTORY**B Jawari AB**
Consultant

August 2025 – Present

Own company: the Bosch assignment and client projects for Dibélle, Skånska Däck and Woofadez.

Bosch

2023 – Present

Senior Test Automation Engineer

Consulting assignment in an embedded-systems team; through Knowit until August 2025, then through B Jawari AB.

- Designed and built the team's test automation framework in Python and pytest.
- Validate embedded software against real hardware, including message-bus communication.
- Maintain Jenkins pipelines that test every change and block merges when required checks fail.
- Advise the team on test structure and on where automation adds value.

Knowit

2019 – August 2025

Test Automation Consultant

Employment at an IT consultancy. Placed on client assignments: Bosch (above) and the two IKEA projects below.

IKEA

2020 – 2022

Test Automation Engineer, New Kitchen Planner

Web application developed within a project of more than 100 people.

- Automated end-to-end tests across desktop, mobile and tablet with Protractor and Cypress.
- Ran smoke and regression suites and validated new features manually against acceptance criteria.

IKEA Singapore

2019 – 2020

Test Automation Engineer, Checkout

Online checkout for IKEA's Singapore store.

- Built Protractor end-to-end tests for the checkout on desktop, mobile and tablet.
- Developed API tests in Python and performance tests for each build.

EDUCATION**Malmö University**

2014 – 2018

Bachelor's degree, Computer Science and Systems Development

Courses included information security, information design, and ethics and IT.

CERTIFICATIONS AND PROFESSIONAL DEVELOPMENT

Certification	ISTQB Certified Tester, Foundation Level
Course	Selenium WebDriver with Python 3.x (Udemy)
Assessment	Kattis Python test: 94/100

LANGUAGES

Swedish, English, Polish

SELECTED PROJECTS

AutoSnkr · Real-Time Release Monitoring Platform

2018 – Present

Founder & Developer · autosnkr.com

- Founded and run a subscription service for 400+ members that watches 100+ online stores around the clock and alerts them to releases, restocks, price changes and raffles.
- Built the platform alone in Python, rewriting the monitoring engine twice, most recently into an event-driven design on PostgreSQL, and supplied monitors to other sneaker groups.
- Keep the monitoring reliable as store websites change, including analysis of how sites detect automated traffic. Runs on Linux and Google Cloud with pm2, Jenkins, Prometheus and Grafana.
- Built the member tooling in Discord: email sign-in with licence keys in MongoDB, per-device key resets, SMS alerts and admin commands.

Vintelli · E-commerce & Retail Integration

2025 – Present

Partner, Finance & Software Development · vintelli.se

- Built the online store for authenticated second-hand luxury fashion on Shopify's Storefront API, selling worldwide alongside the physical shop.
- Integrated the store with the shop's existing Shopify POS: one shared inventory, re-checked at checkout, reducing the risk of selling a one-of-a-kind item twice.

Dibélle · Multilingual Clinic Website

2026

Software Developer, delivered through B Jawari AB · dibelle.se

- Developed the website with treatment synchronisation from the Bokadirekt booking platform, keeping 100+ treatments current, and an AI assistant with safeguards against manipulated prompts.
- Delivered localisation in four languages, including Arabic with right-to-left layout support.

Skånska Däck · Product Catalogue & Supplier Integration

2026

Software Developer, delivered through B Jawari AB · skanskadack.se

- Rebuilt the shop's platform with daily supplier catalogue integration from two suppliers (6,000+ tyres and 2,300+ wheels with current stock and prices) and vehicle-based matching.
- Implemented a password-protected staff area for pricing rules, campaigns and supplier price comparison.

Woofadez · Booking & Scheduling Platform

2026

Software Developer, delivered through B Jawari AB · in production since June 2026 · woofadez.se

- Designed the booking engine for a barbershop: weekly release of appointment times, safe handling of concurrent bookings, staff scheduling, and email and SMS notifications.
- Implemented role-based access control for the owner, admins and barbers, with administration for customer records and booking statistics.

TECHNICAL SKILLS

Languages	Python, TypeScript, JavaScript
Testing & Quality	pytest, Playwright, Vitest, Selenium WebDriver, Robot Framework, Jenkins CI
Web Development	React, Next.js, Node.js, Tailwind CSS
Data, Cloud & Delivery	PostgreSQL, Redis, MongoDB, Docker, Git, Vercel, Google Cloud