

Barry Al-Jawari

Software Engineer & IT Consultant

Test Automation · Business Applications · Systems Integration

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Professional Summary

Software engineer and IT consultant on assignments for Bosch and IKEA since 2019, covering embedded software testing, end-to-end web testing and CI pipelines. Builds and integrates booking, catalogue and e-commerce systems through B Jawari AB. Founder of AutoSnkr and partner in Vintelli AB.

Core Skills

- Test Automation
- API & Systems Integration
- E-commerce & POS Integration
- Test Framework Development
- Web Application Development
- Role-Based Access Control
- Embedded Software Testing
- Booking & Scheduling Systems

Professional Experience

B Jawari AB

August 2025 – Present

Consultant

Own company: the Bosch assignment and client projects for Dibéllé, 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.

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

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.

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.

Education

Malmö University

2014 – 2018

Bachelor's degree, Computer Science and Systems Development

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

Certifications & 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