

GARO VARTABEDIAN

Solutions Engineer - Implementation & Technical Support - Customer-Facing Deployments

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SUMMARY

Customer-facing technical engineer with 15+ years deploying, integrating, and supporting complex systems on customer sites — now fluent in code, APIs, and automation.

Spent years as the first on-site responder and primary customer contact for enterprise hardware deployments: integrating equipment with network controls, building-management systems, and sensors; troubleshooting under deadline pressure; and running product demos.

Builds full-stack web apps, browser automation, and API integrations in Python and TypeScript.

U.S. Navy veteran.

TECHNICAL SKILLS

- **Customer-Facing & Pre-Sales:** technical product demos, customer-relationship ownership, requirements discovery, on-site deployment, stakeholder communication
 - **Deployment & Integration:** system commissioning, hardware/software integration, network controls, Building Management Systems (BMS), sensors/controllers, REST API integration, CI/CD
 - **Troubleshooting & Support:** root-cause analysis, on-site diagnostics, emergency repair, production debugging, escalation ownership
 - **Engineering & Automation:** Python, TypeScript, JavaScript, SQL, Bash; Playwright, browser-use, Chrome DevTools Protocol; FastAPI, REST APIs, SQLite, PostgreSQL
 - **Web & Cloud:** Next.js, React, Three.js/WebGPU, Vercel, GitHub Actions, Docker, Git, macOS/Linux
 - **AI / LLM:** Claude / Anthropic SDK, OpenAI, Gemini, RAG, prompt engineering, agentic workflows
 - **Field & Safety:** construction-site commissioning, OSHA 10 Construction, certified boom lift and scissor lift operator
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PROFESSIONAL EXPERIENCE

Independent Software & Automation Engineer

Self-Employed | Austin, TX | May 2022 – Present

- Built **JobPilot**, an automation pipeline that integrates with Greenhouse, Lever, and Ashby hiring portals — scanning postings, scoring fit, generating tailored documents, and running a queue-based human-in-the-loop review-and-submit workflow. Python, Playwright, Chrome DevTools Protocol, SQLite. Open source at github.com/Vartabg/jobpilot.
- Shipped production full-stack web applications end to end — frontend, deployment, and iteration — with Next.js, React, Three.js/WebGPU, Vercel, and GitHub Actions CI/CD.
- Built REST API and browser integrations plus local data pipelines (JSON, SQLite) that connect tools and automate multi-step workflows, with explicit human-review gates for control and observability.

Career Sabbatical — International Travel & Independent Study

2020 – 2022

- A self-directed career break after View: traveled across multiple countries and studied independently before returning to build software and automation full-time.

Field Service Engineer

View, Inc. | Milpitas, CA | 2016 – 2020

- First on-site responder and primary customer contact for enterprise smart-glass deployments on active construction sites and retrofits across the US, Canada, the UK, and the EU.
- Integrated electro-mechanical hardware with proprietary network controls, smart controllers, environmental sensors, and Building Management Systems (BMS) for enterprise customers.
- Owned customer-facing technical communication during field issues — diagnosing hardware, controls, and connectivity failures and coordinating fixes across customer sites and internal teams under deadline pressure.
- Ran product demonstrations of the smart-glass system for prospective customers (without holding a formal sales title).

Customer Service Engineer

Christie Digital | 2008 – 2009

- Delivered on-site technical support, diagnostics, and emergency repairs for enterprise-grade visual systems across major commercial venues (including AMC) — minimizing downtime and communicating findings clearly to customer stakeholders.

Electronics Technician / Communications

United States Navy | 2003 – 2008

- Maintained electronics and communications systems in operational environments; built the disciplined troubleshooting and reliability habits that carried through 15 years of field work.

EDUCATION

Columbia University — BA Philosophy, 2013