# Bruno Bronosky

**Principal DevOps Engineer | Team Lead & Trainer**
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## Professional Summary

Principal DevOps engineer with 30+ years building and running production systems, from data center racks to AWS, Azure, and GCP. I replace manual operations with tested automation (Terraform, Ansible, GitHub Actions, Python, Bash, PowerShell) and teach teams to own it: DevOps trainer for four enterprise clients worth $3B to $1T, and co-manager of a 30-developer team. I use AI coding agents daily (Claude Code, Codex, Gemini CLI, OpenClaw) and self-hosted LLMs to ship infrastructure work faster.

## Work Experience

Intelerad Medical Systems | **Technology Consultant** | (Nov 2025 - Present)
Medical imaging software. Hourly contract, concurrent with Triton.

- Build AI pipelines that work whole categories of ServiceNow tickets, cutting ticket completion times.
- Package infrastructure and process context for AI agents, which also speeds up onboarding for new team members.
- Document DevOps processes and infrastructure so AI tools work from accurate context.
- Automate and document repeatable infrastructure operations instead of relying on manual procedures.
- Handle day-to-day DevOps across AWS and Azure with Terraform, Ansible, PowerShell, and CI/CD.

Triton | **Research Fellow** | (Jul 2023 - Present)
Alternative fuel research. Hourly contract, concurrent with Intelerad.

- Manage 4–6 engineers or projects at a time.
- Develop secure API endpoints and OpenClaw agent skills to automate infrastructure interaction and monitoring.
- Deploy local, privacy-compliant LLMs that speed up engineering while keeping proprietary data in-house.
- Use AI coding agents to refactor complex systems and automate infrastructure as code.
- Mentor engineering teams on AI-augmented workflows and on integrating LLMs into CI/CD pipelines.
- Design and implement sensor arrays that monitor temperature and vibration in mechanical processes.
- Predict equipment failure with AI analysis of out-of-spec temperature and vibration data.
- Develop real-time monitoring systems in Python.

(Confidential) International Airline | **(Contract) Trainer of DevOps Engineers** | (Sep 2022 - Jul 2023)
Value: $10B+ Employees: 90k+

- CI/CD with Harness.io, AWS infrastructure with CDK+CFN, Migration to Github Enterprise from 5 other VCS
- Architect and develop an internal ML/AI Software Development Co-Pilot trained on internal code repos to reduce code "re-invention" and time/effort

(Confidential) Cybersecurity and Biometric Identity Org | **(Contract) Trainer of DevOps Engineers** | (May 2022 - Sep 2022)
Value: $3B+ Employees: 10k+

- CI/CD with CloudBees/Jenkins and Argo-CD
- software testing with SonarQube, JMeter, and various other tools

(Confidential) Financial Services Org | **(Contract) Trainer of Robotics, Computer Vision, and ML Engineers** | (Nov 2021 - Apr 2022)
Value: $1T+ Employees: 225k+

- Robotics R&D, GCP, Machine Learning, Computer Vision, Software Development, Network & Physical Architecture, DevSecOps, Linux System Administration
- ROS 1&2 [Robotics Operating System], Dobot CR5, Python, C++

(Confidential) Chemical Engineering R&D and Production Org | **(Contract) Trainer of DevOps Engineers** | (Feb 2021 - Sep 2021)
Value: $10B+ Employees: 90k+

- CI/CD with Jenkins, SonarQube, JMeter, various software testing tools
- Azure & AWS infrastructure and network security architecture
- Architect an internal ML/AI Software Development Co-Pilot trained on internal code repos to reduce code "re-invention" and time/effort

Rooms To Go | **Principal DevOps Engineer** | (Nov 2018 - Feb 2021)

- Direct and train a 4-engineer DevOps/SRE department.
- Take releases from Friday-only deploys to multiple deploys a day with CI/CD.
- Keep the platform up through live sale events like Black Friday, and lead the response to outages, migrations, and security events.
- Build and maintain [Fargate] ECS, EKS, and Kubernetes clusters serving microservices across ~9 AWS accounts.
- Own AWS cost management, a role I took on because spend was growing too fast.
- Train developers to follow DevOps and CI/CD processes.
- Architect hybrid-cloud and multi-cloud infrastructure.
- Set and enforce security practices.

MidAmerican Energy Services | **DevOps Team Leader** | (Oct 2016 - Jul 2018)

- Lead a 3-engineer DevOps team.
- Cut server provisioning from days to minutes by replacing word-of-mouth procedures with Packer, Terraform, Chef, and Ansible.
- Build and maintain 8 Kubernetes clusters (hundreds of nodes) serving microservices.
- Build custom Raspberry Pi images for thousands of IoT devices across ~10 client sites.
- Build and maintain Cassandra, MongoDB, and MySQL databases.

Cox Media Group | **Solution Architect, Mobile** | (Dec 2012 - Oct 2016)

- Manage and deploy the mobile apps for 180 newspaper, TV, and radio stations.
- Lead mobile architecture and technical strategy.
- Architect and deploy cloud infrastructure.
- Develop mobile client and backend proofs of concept.
- Develop and maintain original open source software projects.

Cox Media Group | **Software Development Manager** | (Nov 2009 - Dec 2012)

- Co-manage a ~30-developer team.
- Improve performance through coaching.
- Encourage and inspire developers and vendors to give great service.
- Script workflow automation.
- Partner with ServiceNow administrators to extract ticket and request data for analysis and process automation.

Cox Media Group | **Internet Systems Manager & MySQL DBA** | (Jul 2008 - Nov 2009)

- Administer GNU/Linux servers.
- Manage a department of sysadmins.
- Automate workflows and manage configuration.

Cox Media Group | **MySQL DBA** | (Jan 2007 - Jul 2008)
Atlanta Journal-Constitution

- Administer MySQL.
- Optimize developer code.
- Maintain high availability and performance.

Yahoo! | **Technical Yahoo!** | (Mar 2004 - Jan 2007)

- Manage teams, projects, SLAs.
- Automate workflows.
- Develop PHP web applications.

Various | **Prior Professional Experience** | (Aug 1995 - Jun 2004)

- Companies include: Apple Computer, Lanier Worldwide, MedCenterDirect, Amazing Graphics, World Wide Development, and freelance work
- Tasks include: Technical Account Manager, Full Stack Developer, 3D Modeling, Graphic Design and Print Prepress

Independent Consulting | **Industrial Controls / Automation Consultant** | (Jan 2002 - Dec 2009)

- Programmed, commissioned, and troubleshot Allen-Bradley PLCs using RSLogix (ladder logic)
- Programmed AutomationDirect DirectLOGIC PLCs using DirectSOFT

## Skills

**Industrial Controls**: Allen-Bradley PLCs · RSLogix · AutomationDirect DirectLOGIC · DirectSOFT · Ladder Logic · Industrial Controls
**AI & Agentic Automation**: OpenClaw & OpenCode · Agentic Workflows (MCP) · AI-to-API Integration · Local / Private LLMs · AI-Assisted CI/CD · Prompt Engineering
**Amazon Web Services**: EC2 · ECS · EKS · Fargate · RDS · S3 · IAM · VPC · Lambda · CloudWatch · DynamoDB
**Automation/Orchestration & CI/CD**: GitOps · Terraform · Packer · Ansible · GitHub Actions · Chef · CloudFormation · CDK · Jenkins · ArgoCD
**Observability/Monitoring**: Prometheus · Grafana · OpenTelemetry · OpenMetrics · Nagios · Datadog · New Relic · Splunk · ELK; Elasticsearch, Logstash, Kibana
**Machine Learning, Artificial Intelligence**: LLM · Computer Vision · TensorFlow · PyTorch
**Kubernetes, Docker, and containers**: containerd · Podman · Helm · Argo-CD; Argo Project
**GNU/Linux and BSD Server Administration**: Linux · FreeBSD · OpenBSD · MacOS · Debian · RHEL; Red Hat Enterprise Linux · CLI; Command Line Interface · SSH · Systemd; systemctl · System V; SysV Init · LSB; Linux Standard Base
**Bash/Shell Scripting**: POSIX sh · GNU Bash · Zsh
**PowerShell Automation**: Windows administration as executable documentation · Active Directory / Exchange / O365 automation · SQL Server administration automation · VMware automation · Cloud and CI/CD automation · ServiceNow integration
**Service Management and Database Operations**: ServiceNow workflow and catalog integration · ServiceNow data extraction for analysis · Microsoft SQL Server administration · Production database reliability
**Interpreted Languages**: Node.js · Python · Python REST/API automation · Python AWS automation before official AWS CLI · Django
**Compiled Languages**: Rust · Go/GoLang · C/C++