

# Sean Canton

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## Summary

Pragmatic technology professional with 20+ years of experience building and leading teams. Industry experience in growth startups, accelerators, advertising, IoT, AI/ML, education, and political campaigns. Specializing in systems thinking, rapid prototyping, and promoting transparency in company culture.

## Experience

Chief Technical Officer, MATRIX Labs / Admobilize, Miami, FL May 2015 - current

**Lead AI, embedded, infrastructure, support, design and client-facing teams from prototype to growth. Build a bridge between sales and technical divisions to reduce time to market for new features from 9 months to 2 weeks.**

- Prototyped a device to dashboard application development platform
- Scaled product from tens to tens of thousands devices, monolith to microservices
- Interpreted business and technical requirements into collaborative, aligned deliverables
- Maintained high-level knowledge of system and current development
- Implemented strategic technical roadmap in collaboration with stakeholders
- Reduced Development Lead Time from months to days
- Implemented JIRA, standups and sprint cadence across teams and support
- Select concerns and opportunities for presenting to senior leadership
- Led technical discussions with investors, clients and business development opportunities
- Discussed product for media coverage and marketing materials
- Root cause analysis, anomaly detection and trend projection algorithm design
- Defined and introduced SLAs to support and engineering teams
- Improved software quality, support burden did not grow with additional deployments
- Technical recruiting and interviewing

Engineering / Product Lead, Rokk3r Labs, Miami, FL • March 2013 - May 2015

**Build complex business logic and system architecture, in collaboration with a commercial real estate broker and analyst, to replace 40 hours of research with a 30 second query.**

- Researched technologies to utilize for proposed business ventures
- Collaborated with subject matter experts to define deliverables
- Led two teams of developers for discrete startups concurrently
- Budgeted and estimated development projects

Consulting, Eight Eyes Creations • June 2004 - current

- Conducted user research to determine clarity of messaging, UX and usability.
- Extensive WordPress site customization and plugin development.
- Interactive Prototyping for Discovery and MVP
- Developed proposals for clients including budgets, scope and timelines

## Skills

System Design

User Experience Research

Prototyping & Rapid Product Iteration

Data Analysis / Visualization

Project / Product Management

Strategy / Business Development

## Technical

Backend - Node, Python, Pandas, Rust, PHP, WordPress

Data - MongoDB, Firebase, Neo4j, Spark, InfluxDB, BigQuery, Redis, ZeroMQ

Front End - Angular, React, D3, jQuery, Processing

Cloud - Google Cloud, AWS, Balena, Jenkins, Kubernetes, Docker

Other - Protocol Buffers, GRPC, zsh, Linux, VSCode, vim

## Education

Humboldt State University • Arcata, CA, 2006

BA Mass Communication - Broadcast, Media Studies & BA Geography - Climate, Cartography