



Jonathan Chronister

Product Team Lead & Co-Founder, Kartorium

Anchorage, AK

Bachelor's Computer Science, University of Alaska Anchorage, 2020

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Professional Summary

Senior Software Engineer & Full-Stack Developer with 5+ years building Angular applications and PostgreSQL-backed web services. Proven track record delivering Agile, client-facing solutions—eliminating bottlenecks, building durable systems, and improving developer workflows across teams.

Technical Skills

Languages & Runtimes

- TypeScript
- Python
- Node.js
- C++

Frameworks & Libraries

- .NET
- Angular
- Express
- Three.js

Infrastructure & Data

- PostgreSQL
- Docker
- AWS
- CI/CD (CodeBuild)

Developer Tools & AI

- Git & GitHub
- Postman
- OpenAI Playground
- Anthropic Workbench

Professional Experience

Kartorium

Sept 2020 – Present

- **Performance & Scalability:** Improved page load times by 95% through indexing, payload tuning, and cleanup.
- **Quality & Velocity:** Reduced major issues per release from 1.5 to 0.3 while increasing sprint frequency.
- **Domain Features:** Designed Raster Tiles Set Layers and Virtual Tours—integral to client contracts.
- **Team Building:** Mentored 20+ team members; launched peer-review framework—boosting PR merges by 40%.
- **Infrastructure & Compliance:** Architected and executed a SOC II-compliant AWS migration—including sharded RDS clusters and private-subnet EC2—in one month.
- **Cost Optimization:** Reversed an 8.4% Q4 AWS spend increase into a 15.3% reduction by April 2025 through resource-use reviews and optimizations.

Avalanche

Jan 2017 – Jan 2019

- Consulted with venue leadership to design and deliver a custom escape room control system (Python, C++, microcontrollers), increasing capacity and driving revenue growth.
- Gathered functional requirements, iterated on interactive features, and delivered under tight operational constraints.
- Led training and community engagement efforts to improve user experience and maintain system reliability.