

ROHN SPRINGFIELD



AI Engineering • Data Science • Enterprise Analytics

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PROFESSIONAL SUMMARY

AI engineer and data scientist with 10+ years of experience spanning enterprise operations, advanced analytics, and software engineering. Combines a strong foundation in business and data science with hands-on expertise designing, developing, and deploying AI applications, autonomous workflows, and scalable technology solutions. Brings enterprise experience at Red Hat alongside entrepreneurial product development and open source engineering, with a proven ability to navigate complex challenges, connect business needs with technical capabilities, and deliver reliable, practical solutions from concept to production.

CORE SKILLS

Python • SQL • Claude Code • Codex • Cursor • TypeScript • React/Next.js • Machine Learning • LLM APIs • RAG • MCP • Agent Orchestration • AWS/S3/Redshift • Snowflake • Jira • LangChain • dbt • PostgreSQL • Redis • Docker • Kubernetes • Tableau • Data Visualization • Financial Modeling • Oracle EBS • SAP FI

EXPERIENCE

FOUNDER, AI & DATA SOLUTIONS BUILDER

Nov 2025 – Present

BLERBZ | Raleigh, NC



Built and deployed production web, iOS and Android apps for an AI news intelligence platform, owning architecture, implementation, testing and release.

- Engineered autonomous operations across data ingestion, story ranking, AI enrichment and media production, enabling continuous delivery of news and insights with minimal manual oversight.

INDEPENDENT AI & SOFTWARE ENGINEERING

Jan 2025 – Present

Open Source, Freelance | Raleigh, NC

Designed and delivered AI applications for business automation, software development, media production and private inference, owning architecture, implementation, testing and deployment.



AbsoLoop: Built a Python agent orchestrator for Claude and Codex with evidence-based verification, bounded repair loops, adaptive reasoning and Kanban tracking to make autonomous development accountable.



FlowAid: Built an open-source AI workflow platform for finance, sales, IT and customer service, combining typed decisions, human approvals, evaluations, RAG and MCP with a visual builder and REST API.



Labzilla: Built a private AI platform on NVIDIA DGX Spark with Kubernetes and an OpenAI-compatible gateway, combining local model serving, intelligent routing, calibrated decisions and persistent agent knowledge.



Brody: Built repository intelligence with evidence-backed AI code review, Lean 4 defect proofs and interactive code maps, translating complex codebases into actionable findings and executive reports with live cost tracking.



Diony AI: Created a Python desktop film studio orchestrating scripting, shot planning, AI video generation, narration and editing, with upfront pricing, approval gates, quality checks and traceable production records.



Stack4That: Built an AI architecture tool that turns requirements into validated technology stacks using TypeSafe AI, with compatibility checks, explained tradeoffs and interactive, physics-driven visual assembly.



Agentsphere: Published an AI agent field guide translating technical research into learning paths and practical playbooks for agent architecture, memory, evaluation, security and operations, with source-linked guidance.

SENIOR DATA SCIENTIST

Jul 2022 – Dec 2024

Red Hat | Raleigh, NC

- Applied Python, SQL, machine learning and statistical analysis to complex organizational data, supporting business decisions and performance analysis.
- Designed reusable analytical workflows and data products that helped stakeholders identify patterns, assess performance and communicate findings.
- Translated ambiguous business questions into structured analyses and actionable outputs in partnership with business and technical teams.
- Partnered with Global Procurement leadership and Corporate Expense teams to improve reporting and analytics through dbt data transformations and Tableau dashboards.

DATA VISUALIZATION ANALYST

May 2019 – Jul 2022

Red Hat | Raleigh, NC

- Built dashboards and visual analytics that made organizational data accessible to business stakeholders and supported performance monitoring.
- Developed repeatable analytical workflows to uncover trends and translate complex findings into clear business narratives.

SAP FI FUNCTIONAL CONSULTANT

Aug 2016 – Apr 2019

UTL Systems Inc. | Raleigh, NC

- Connected financial requirements with SAP FI configuration and enterprise processes to support financial transformation and implementation projects.
- Contributed to SAP transformation projects for GRU, Alagasco, and Puget Sound Energy, working with stakeholders to translate business processes into system requirements.

PRICING / FINANCIAL ANALYST

Feb 2015 – Aug 2016

HCL Technologies | Raleigh, NC

- Developed pricing models, rate cards and financial templates for the Application Services Division Bid Management Group.
- Analyzed commercial scenarios and financial inputs to support bids, pricing decisions and opportunity evaluation.

FINANCIAL ANALYST / CONTRACT CHANGE ORDER COORDINATOR

Aug 2014 – Feb 2015

Worldwide Clinical Trials | Morrisville, NC

- Performed financial analysis and coordinated contract change orders, building a foundation in finance and commercial operations.

EDUCATION

BACHELOR'S DEGREE, FINANCE

2010 – 2015

North Carolina State University

COMMUNITY

Triangle Startup Weekend | Volunteer

Habitat for Humanity International | Volunteer, Economic Empowerment | Mar 2015 – Apr 2015

Assisted with construction of housing for low-income families in Wake County.