

RUSSELL BOMER

Business Systems Analyst & Solutions Developer

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PROFESSIONAL SUMMARY

The thread connecting restaurant operations, supply chain management, and software development is a consistent drive to solve complex operational problems through systematic thinking and purpose-built tools. Each career step has been a further distillation of that idea—systems and strategy transformed me from a cook into a professional chef, from a PO pusher into a supply chain specialist building custom data tools, and finally into a developer of software solutions. I bring deep operational experience, strong analytical instincts, and hands-on technical capability to roles requiring someone who can translate business needs into working systems. Currently pursuing an M.S. in Software Engineering while building production applications.

TECHNICAL SKILLS

Solution Design & Analysis: Requirements gathering, stakeholder interviews, process mapping, gap analysis, technical roadmapping, build-vs-buy evaluation, workflow optimization

Development: JavaScript/TypeScript, Python, React, Next.js, FastAPI, Node.js, SQL, REST APIs, ETL pipelines, VBA

Data & Analytics: PostgreSQL, SQLite, Power BI, Power Query, Power Pivot, Excel (advanced), data modeling, dashboard design, automated reporting

Infrastructure & Tools: Docker, Linux, Git/GitHub, GitHub Actions, CI/CD, JDE/AS400, Figma, Jira, Notion

AI/ML Integration: LLM-assisted development workflows, MCP server configuration, RAG implementations, prompt engineering

Business Operations: Supply chain planning, procurement, vendor management, P&L; analysis, Lean/Six Sigma, Kaizen facilitation, change management

PROFESSIONAL EXPERIENCE

Independent Technical Consultant | Freelance

August 2025 – Present

Building production applications and pursuing freelance consulting alongside M.S. coursework in Software Engineering.

- Designed and deployed a full-stack NFL analytics dashboard (Next.js, FastAPI, PostgreSQL, Recharts) with automated data pipeline — live at nfl-analytics-dashboard.vercel.app
- Built and maintain professional portfolio site (russellbomer.com) using Next.js, Tailwind CSS, and Framer Motion
- Developed a Python CLI web scraping package, published to PyPI

Consulting Engagement – Operations & Technology | Main Street Restaurants Group

Gastonia, NC | March 2025 – September 2025

Engaged by a three-location restaurant group (~\$5M revenue) to diagnose operational inefficiencies and implement technology solutions for cost control, inventory, and business intelligence.

- Led full consulting cycle: stakeholder interviews, phased project proposals, scoping, and delivery
- Built automated reporting and cost analysis tools, reducing manual effort by approximately 40%
- Designed dynamic food costing models enabling real-time margin visibility across all three locations
- Delivered aggregate food cost reductions of ~8% across the group, with 11% at the lowest-performing location
- Provided executive-level data visualizations and recommendations for ~25 end users across management and ownership

Supply Chain Coordinator / Materials Planner | DOLE PLC (Fresh Vegetables Division)

Bessemer City, NC | June 2022 – October 2024

Managed materials planning for ~50 SKUs of ready-to-eat salad products across major private-label contracts (Walmart, Dollar General, Aldi) for the U.S. East Coast. Coordinated with 25+ suppliers and 100–150+ stakeholders across procurement, FSQA, shipping, and transportation. Participated in food safety and financial auditing processes for publicly traded company compliance.

- Built Power BI dashboards for yield, waste, throughput, and downtime metrics consumed by plant management and executive leadership
- Architected ETL solutions via Power Query integrating JDE/AS400 ERP, internal databases, and operational systems into unified reporting

- Developed custom Excel/VBA planning tools with conditional logic for demand forecasting, order quantities, and yield-adjusted projections
 - Co-led year-long Kaizen initiative: ~30 percentage point yield improvement on key ingredients, ~25% throughput increase (22–24 to 30 bowls/min)
 - Automated monthly reporting processes, reducing preparation time by approximately 25% while improving data accuracy
 - Minimized surplus liability by \$135K during product discontinuation through strategic materials planning
 - Produced process documentation and system walkthroughs adopted as training materials for five successors
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Procurement Manager | Grand Bohemian Hotel Charlotte (Kessler Collection)

Charlotte, NC | August 2020 – June 2022

Managed procurement for a luxury hotel within the Kessler Collection portfolio, processing \$50K+ in weekly POs. Led enterprise software implementation spanning multiple properties.

- Spearheaded year-long BirchStreet ERP/P2P rollout for ~65 users across two properties, leading training and coordinating with vendor-provided trainers
 - Coordinated cross-property master data alignment and procurement standards across property-level, corporate-level, and GPO-contracted item hierarchies
 - Built custom Excel solution integrating real-time ERP data for dynamic banquet pricing and event cost estimation
 - Utilized Power Query and advanced analytics to monitor spend patterns and identify cost optimization opportunities
 - Created operational documentation and process guides; mentored and trained successor through structured month-long transition
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EDUCATION

M.S., Software Engineering | Western Governors University

2025 – In Progress (30% complete, 9 of 30 credits; expected completion by August 2027 or earlier via self-paced curriculum)

B.S., Business Administration | Appalachian State University

Supply Chain Management concentration, Sustainable Development minor | 2022 – 2024 | 3.5 GPA

A.S., Business Administration; A.A., Culinary Arts | Central Piedmont Community College

2018 – 2020 | 3.75 GPA

CERTIFICATIONS

- Google Project Management Professional Certificate
 - NCSU IES: Lean 100–300 Series (Lean/Six Sigma Methodology)
 - Microsoft Office Specialist: Excel Associate
 - NC BioNetwork: HACCP (Hazard Analysis Critical Control Points)
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PROJECTS

NFL Analytics Dashboard — Full-stack sports analytics application (Next.js, FastAPI, PostgreSQL, Recharts) with automated nflverse data pipeline. Deployed on Vercel and Render. Live at nfl-analytics-dashboard.vercel.app.

Portfolio Site — Professional portfolio built with Next.js, Tailwind CSS, and Framer Motion. Hosted on Vercel with custom domain routing. Live at russellbomer.com.

Homelab Infrastructure — Self-hosted Docker-based infrastructure: media library management, personal cloud storage, Home Assistant automation, mergersfs/SnapRAID storage pooling.

AI-Augmented Dev Environment — Custom MCP server integrating agent profiles, webhooks, guardrails, and automated workflows into VS Code for LLM-assisted development.