Joel M. Lomnick

Engineer · Author · Community Builder

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www.lomnickpro.com

A LETTER OF INTRODUCTION

Hello,

I’m Joel Lomnick, an electrical engineer, creative business owner, and community builder based in Richmond, Virginia. I care about systems, but I care even more about the people who have to live with them. Whether I’m working through a building design, helping a young person see a future in engineering, or turning an organization’s scattered ideas into a useful website, I want people to leave with more clarity and confidence than they had when we started.

My engineering career began after earning my electrical engineering degree at Rochester Institute of Technology in 2005. Today, at Stratus, formerly Ascent Engineering Group, I work on K–12 and public-sector building systems. My work includes power, lighting, controls, fire alarm and low-voltage coordination, design documentation, field observation, and construction administration. I enjoy the part where technical judgment meets communication: explaining the options, asking the question that has been missed, and helping a team make a workable decision.

Through Lomnick Professional Services, or LomnickPro, I bring that same approach to websites, branding, graphics, presentations, and career materials. My broader entrepreneurial work includes Olunirun Enterprises LLC and an ongoing interest in real estate, housing, and community development. I’m interested in useful work that connects technical knowledge, creativity, and opportunity. Good ideas deserve clear presentation and a practical way forward.

Service is part of that work. I serve as Treasurer and webmaster for Omicron Omega Chapter of Iota Phi Theta and as webmaster for NPHC of Metro Richmond. At Third Street Bethel AME Church, my experience spans media, governance, and young men’s mentoring. NSBE helped form my commitment to Black students in engineering. Today, that commitment also shows up in Engineering 101, a classroom design guide that invites students to question, sketch, and solve.

Writing, West African drum and dance, and Richmond’s line dance community keep me connected to expression and people beyond a job title. Lionheart: The Joel Lomnick Story brings together the people, places, and experiences that shaped my journey. Across these parts of my life, I value clear documentation, shared leadership, and work that remains useful to others.

I’m working toward PE Electrical Power licensure and growing a practice that brings engineering, creative services, teaching, and community leadership together. I welcome conversations about a project, workshop, mentoring opportunity, or collaboration where that combination can help. Tell me what you’re trying to accomplish. I’d like to see where I can contribute.

Sincerely, Joel M. Lomnick

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RÉSUMÉ · ENGINEERING AND ENTERPRISE

Electrical engineer and multidisciplinary builder with a career spanning building systems, digital communication, entrepreneurship, and community leadership. Combines technical judgment with plain-language explanation, visual storytelling, mentoring, and practical systems that others can maintain.

ENGINEERING PRACTICE

Stratus / formerly Ascent Engineering Group · Richmond, VA
Senior Electrical Engineer, K–12 · September 2022–present

Design and coordinate power distribution, lighting and controls, equipment connections, fire alarm, and low-voltage pathways for educational and public-sector facilities. Prepare drawings and narratives, coordinate utility and owner requirements, and resolve interdisciplinary issues.

Support construction through RFI responses, submittal review, field observations, and punch lists. Translate technical questions into clear decisions for project managers, architects, owners, and contractors. Recent work includes school renovations and additions, PV and energy-monitoring coordination, childcare facilities, and welding-lab electrical infrastructure.

Earlier engineering experience · New York and Virginia
Consulting, industrial, and building-systems roles with IBC Engineering, M/E Engineering, M+W Group, 2RW Consultants, and Richmond-area design and life-safety organizations. Experience in design production, project coordination, field documentation, and client communication.

BUSINESS AND CREATIVE PRACTICE

Lomnick Professional Services / LomnickPro · Founder
Richmond, VA · 2014–present

Create websites, branding, event graphics, presentations, biographies, résumés, and communication tools for community organizations, churches, small businesses, and individuals. Connect content strategy and visual design with practical use and maintenance.

Selected work: LomnickPro portfolio; RVA Iotas website and chapter communication systems; NPHC-Metro Richmond website; church media documentation; and Engineering 101, a 12-page downloadable student guide.

Olunirun Enterprises LLC · Entrepreneurial development
Broader business platform for professional and creative ventures. Continuing real estate investor education and property research, with a long-term interest in connecting housing, construction knowledge, and community opportunity.

EDUCATION AND PROFESSIONAL GROWTH

Rochester Institute of Technology · B.S., Electrical Engineering, 2005
Hudson Valley Community College · A.S., Business Administration, 2013
San Joaquin Valley College · A.S., Construction Management, 2018
Engineer-in-Training (EIT). Pursuing PE licensure in Electrical Power.

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RÉSUMÉ · LEADERSHIP, COMMUNICATION AND SERVICE

COMMUNITY LEADERSHIP

Iota Phi Theta Fraternity, Inc. · Omicron Omega, Richmond
Treasurer and Webmaster · Former Vice Polaris · Member since 2011

Support chapter stewardship, websites, branding, history preservation, and succession. Mentor younger brothers and undergraduate leaders. Prepare meeting materials, preserve chapter history, and help younger brothers take ownership of calendars, programs, and leadership responsibilities.

National Pan-Hellenic Council of Metro Richmond · Webmaster
Maintain council website content and resources. Help visitors find chapters, events, and service opportunities across Richmond's Divine Nine community.

Third Street Bethel AME Church · Media and Mentoring
Support worship media, livestreams, presentations, event communication, and volunteer documentation. Experience includes volunteer leadership and co-leading the Young Men's Mentoring Program. Help young men build confidence, career awareness, and life skills.

National Society of Black Engineers · Leadership and STEM Outreach
Former collegiate and alumni leadership in academic support, programming, and professional development. Support hands-on STEM exposure and explain engineering concepts in ways students can practice and question.

CULTURAL ARTS AND STORYTELLING

West African drum and dance performer and instructor with Bush Mango Drum & Dance and other New York and Virginia arts communities. Former RIT step-team choreographer. Active in Break It Down RVA's line dance community.

Author of Lionheart: The Joel Lomnick Story, including The Making of Lionheart and The Cost of Being Lionheart. The books explore family, faith, engineering, creative expression, and community. Write community histories, leadership messages, and public-facing content with a human voice.

SKILLS AND WORKING TOOLS

Technical: Electrical design, power distribution, lighting and controls, NEC-based review, fire alarm and low-voltage coordination, construction documentation, RFIs, submittals, and field review. Digital: AutoCAD, Revit/BIM coordination, PDF review, Microsoft Office, Google Workspace, Canva, Wix, Dropbox, and AI-assisted content and website workflows. People and communication: Website and graphic design, technical writing, public speaking, workshop facilitation, career materials, mentoring, event planning, organizational documentation, and succession planning.

WHAT I WANT TO BUILD NEXT

A sustainable practice connecting engineering, creative services, teaching, and community development. Seeking collaborations that clarify complex information, develop emerging leaders, and turn worthwhile ideas into useful work.