Giriraj V. Patel

US Citizen, Girirajpatel261@gmail.com, Mechanicsville, VA (Richmond area), linkedin.com/in/giriraj-patel-554a40302

EDUCATION

Virginia Tech Blacksburg, Virginia
B.S. in Computer Science, Minor in Economics Expected Graduation, May 2027

- GPA: 3.51/4.00
- Related Coursework: Database Systems, Data Structures and Algorithms, Statistics, Economics

EXPERIENCE

UrbanCore Construction Richmond, Virginia
AI Strategy and Operations Intern June 2026 to Present

- Produced a ranked list of AI and software fixes for leadership by leading discovery meetings and three workflow audits that documented pain points across preconstruction, operations, finance, and project management
- Identified 8 automation opportunities in a 23 step bid to turnover process by mapping owners, handoffs, and approval gates with department leads, then served as product manager for the intern building the fix
- Delivered Version 1 of a cost forecasting and staffing web app for the CFO and Director of Operations in 11 weeks, targeting their 8 day monthly handoff, by scoping requirements with both leaders and directing AI coding agents
- Launched a company wide project management platform to production 7 days after kickoff, built to replace about 90 one off AI tools across 2 divisions, by defining requirements and a phased roadmap and directing AI coding agents on Next.js, Supabase, and Vercel
- Cut schedule load time 59% and closed all critical security findings before live data by requiring a performance pass, a security review, and tests that check each feature against the original tools
- Guided AI adoption by evaluating construction tech and AI vendors through briefs, decks, and discovery calls, and helped set up the company's AI Council to prioritize which AI projects to pursue

Legal Chain (LegalTech Startup) Remote
Software Engineer Intern June 2025 to January 2026

- Built the contract generation interface for an AI legal document web app, with schema driven forms, live preview, and contract history, by directing GitHub Copilot in Next.js and TypeScript and reviewing the code
- Contributed about 63% of the surviving frontend code across 26 commits, including a searchable jurisdiction selector for 195+ countries and all 50 US states plus DC, a user feedback feature, and a GitHub Actions workflow that runs tests on every push

Virginia Tech, The Source (Student Engagement and Campus Life) Blacksburg, Virginia
Organization Consultant August 2025 to Present

- Advise leaders from a campus of about 800 student organizations on funding, events, university policies, and day to day problems, drawing on experience leading a 50 to 60 person board
- Help students launch new organizations by interviewing founding groups about their purpose, goals, and vision
- Process print requests for recognized organizations and show leaders how to use the shared workspace, supplies, and campus resources

ACTIVITIES AND LEADERSHIP

Society of Indian Americans at Virginia Tech Blacksburg, Virginia
Vice President, then President, now Advisor May 2024 to Present

- Ran a full year of events for 1,000+ attendees on a $45K+ budget, including a banquet of about 500 that broke even, by leading a 50 to 60 person board through clear roles, committees, and regular check ins
- Roughly doubled board applications the next cycle by building a structured recruitment process with standardized interviews, evaluation forms, and a defined onboarding path
- Made the finances easy to audit by writing controls for purchase approvals, receipts, and bank reconciliation, then turned them into treasurer and operating guides used to train the next president
- Raised board accountability by setting clear attendance and deadline rules and enforcing them evenly, including removing members who kept missing assignments
- Funded events through local sponsorships and recovered a $3.5K Holi supply cost through a university budget board request by pitching local Indian businesses in person and planning the event end to end

SKILLS

Business Analysis: Requirements gathering, stakeholder interviews, process mapping, data validation, vendor evaluation
Product and Delivery: Product roadmapping, sprint planning, acceptance criteria, RICE prioritization, documentation
AI and Automation: Claude Code, GitHub Copilot, OpenAI API, prompt design, AI tool evaluation
Programming and Data: Java, Python, JavaScript, TypeScript, C, SQL, Excel
Platforms and Tools: Next.js, Supabase, Vercel, Node.js, REST APIs, Git, GitHub Actions, SharePoint, Microsoft 365