

Raqib Muktadir

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Team Player | Ambitious | Hardworking | Adaptable | Problem Solver

EDUCATION

Memorial University of Newfoundland, St. John's, Newfoundland

Bachelor of Science Degree in Computer Science with a Minor in Business Administration

SKILLS & LANGUAGES

Technical Skills: Python, Java, PHP, JavaScript, TypeScript, and C++, SQL, MongoDB and API Integration (OpenAI, Spotify, RESTful), Microsoft Excel.

Languages: English, Bengali, French (Professional), Spanish, Hindi, and Urdu.

WORK EXPERIENCE

Quality Assurance Advisor and Engineer, IPKVM Products | Matrox Video, Montreal

April 2025 – Present

- **Led end-to-end functional, regression, and performance testing** for the first release of the Avio2 IPKVM product line, defining test coverage for 5K multi-display workflows and synthesizing findings into structured reports that influenced release readiness decisions.
- **Diagnosed systemic hardware–software interaction issues** by analyzing IGMP behavior, display synchronization, and firmware edge cases across varied network environments; consolidated insights into clear technical narratives used by product managers and developers to prioritize fixes.
- **Resolved recurring automation failures** by integrating reliable automated test scripts into the release validation framework, reducing manual verification effort and improving test-cycle consistency by **30%**.
- **Facilitated cross-functional problem-solving sessions** between QA, development, and client-success teams, translating customer-reported issues into reproducible test cases and driving measurable improvements in post-deployment support and product stability.
- **Developed evidence-based recommendations** for root-cause investigations by combining system logs, packet captures, and firmware analysis, enabling faster decision-making for senior engineering leads and reducing time-to-resolution for complex field issues.

Software Developer Intern, | Matrox Video, Montreal

May 2024 – April 2025

- **Improved internal inventory system performance by 20%** by redesigning SQL queries, optimizing schema-level structures, and resolving long-standing data bottlenecks; increased reliability of operational reporting used by QA and hardware teams.
- **Built automated Jenkins pipelines** for IP and SDI workflows by translating client-reported failures into structured, reproducible test cases, enabling QA to consistently validate multi-signal video workflows and reducing defect reoccurrence across firmware releases.
- **Developed a full automated bug-reporting system** integrating test logs with Jira's API, establishing a standardized format for defect reports, reducing manual documentation time by **30%**, and increasing clarity between QA and engineering.
- **Designed continuous, overnight automation frameworks using** PowerShell and AutoIt that executed hundreds of repeated test cycles with real-time log generation; enabled early detection of intermittent bugs that previously required multi-day manual testing sessions.
- **Built a full-stack inventory management tool** (PHP, HTML, CSS, MySQL) to consolidate device-tracking workflows, improving data integrity, accelerating information retrieval, and giving the QA team a single source of truth for hardware lifecycle management.
- **Interfaced with both technical and client-facing teams** to conduct root-cause analyses on customer-impacting firmware issues, synthesizing diagnostics into actionable insights that strengthened product reliability and post-sales support.

LEADERSHIP EXPERIENCE

Co-founder and Co-host | [FiveFiveFive Studio Montreal](#).

September 2025 – Present

- **Co-led strategy, programming, and execution** for FiveFiveFive, a recurring creative speaker series spotlighting founders, designers, engineers, and community leaders; shaped event themes, curated story arcs for speakers, and expanded the series into a recognized platform for idea-sharing in the Montreal tech/creative ecosystem.
- **Built and managed partnerships** with local businesses, cafés, studios, and venues, negotiating sponsorships and collaboration agreements that reduced event costs, improved attendee experience, and strengthened brand credibility within the community.
- **Directed end-to-end event operations**, coordinating logistics, speaker engagement, content scheduling, and cross-functional support from designers, photographers, and volunteers; implemented workflow systems that improved event consistency and execution speed.
- **Co-developed and operated FiveFiveFive's digital presence**, including **social media strategy, content creation, and growth management** across [Twitter](#), [Instagram](#), and community channels; crafted storytelling-focused campaigns that increased engagement and helped scale the event audience.
- **Designed and built the official [FiveFiveFive website](#)**, integrating event details, speaker showcases, media assets, and registration funnels into a cohesive user experience that boosted credibility and centralized the brand's digital identity.
- **Led speaker outreach and acquisition**, identifying high-potential guests, drafting compelling invitations, and maintaining a pipeline of founders and creators; strengthened long-term relationships to ensure continuity and increasing event quality.
- **Strengthened brand identity** through coordinated work with designers on visuals, messaging, and tone; ensured alignment across website, promotional materials, and event experiences.