

JAGRAT M. PATEL

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PROFESSIONAL SUMMARY

Information Systems student with a Finance minor and hands-on experience in IT administration, security controls, full-stack development, AI integration, and user-centered product design. Built award-winning web applications using React, Firebase, TensorFlow.js, APIs, and RAG pipelines; experienced with Google Workspace security, technical documentation, cross-functional collaboration, and data-driven problem solving.

EDUCATION

University of Maryland, Baltimore County (UMBC)

Bachelor of Science in Information Systems | Minor in Finance

Catonsville, MD

Expected May 2028

Relevant Coursework: Management of Information Systems, Software and Hardware Concepts, Computer Science II

TECHNICAL & BUSINESS SKILLS

Programming & Web: Python, JavaScript, C++, HTML, CSS, React.js, Next.js, Node.js, Express.js, Tailwind CSS

Data, AI & APIs: TensorFlow.js, Gemini API, RAG pipelines, sentence-transformers, ChromaDB, REST APIs, data visualization

Systems & Security: Google Admin Console, Google Workspace, MFA, conditional access, anti-phishing controls, Linux

Tools & Methods: Git/GitHub, Firebase, MongoDB, Vercel, VS Code, Figma, Excel, responsive design, technical documentation

EXPERIENCE

Youphoria LLC - IT & Security Intern

Remote | Feb 2025 - Present

- Reduced account compromise risk by 20% by deploying MFA, conditional access policies, and anti-phishing protections across Google Workspace through Google Admin Console.
- Authored and implemented 3+ security policy updates focused on phishing, account access, and shared-resource protection, improving documentation and compliance readiness.
- Reviewed account and access-control configurations, documented findings, and communicated practical security recommendations to team members and interns.

SELECTED PROJECTS

GreenCrew - Gamified Sustainability Platform | greencrew.tech | React, TensorFlow.js, Firebase, GSAP

- Built an award-winning progressive web app with in-browser recyclable detection at 85%+ accuracy, real-time XP and CO2 tracking, and responsive dashboards.
- Delivered the React frontend, Firebase real-time backend, and Vercel PWA deployment within a 24-hour sprint, earning two HackUMBC awards.

Evidex - Digital Forensics & Incident Response Platform | evidex.tech | Next.js, Node.js, MongoDB, Gemini AI

- Engineered a case-management interface for multi-format evidence intake, chain-of-custody workflows, and investigator collaboration.
- Integrated Gemini AI retrieval workflows and blockchain verification to support pattern detection and tamper-resistant evidence tracking.

VoyageAI - ML-First RAG Travel Planning Platform | github.com/StayJagrat | React, Gemini API, ChromaDB

- Designed and built the frontend for a 12-stage RAG pipeline, translating reranked recommendations and model outputs into clear, responsive multi-step planning flows.

CliniScribe - AI-Powered Health Guidance Platform | cliniscribe.vercel.app | React, Gemini API, Google Places API

- Created multilingual symptom-input and severity-visualization interfaces, then integrated AI assessments and nearby-care results into accessible, user-tested workflows.

LEADERSHIP & AWARDS

HackUMBC Organizing Committee - Sponsorship Team

Jan 2026 - Present

- Conducted outreach to 50+ companies and collaborated with recruiters to align sponsorship opportunities with event branding and student recruitment goals.
- Supported partnership discussions and sponsor follow-up, helping secure early-cycle commitments for HackUMBC.

Awards: HackUMBC 2025 - Best Health/Environmental Hack; MLH Best .Tech Domain