

Rohan Kaila

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EDUCATION

BOSTON UNIVERSITY

2023 - 2027

Bachelor of Arts, Computer Science with a Minor In Business Administration, and Medical Anthropology

Certifications

MIT x Pro: Designing and Building AI Products and Services, CompTIA Security+, Microsoft AI Fundamentals Badge, Google Cybersecurity, IT By Design: AI Accelerator Workshop, Firefighter 1 Certification

PROFESSIONAL EXPERIENCE

Focus Technology | *Cybersecurity Intern*

Feb 2025 - May 2025

- Monitored and triaged security telemetry across multi-tenant client environments using Arctic Wolf and N-able, correlating alerts with threat intelligence feeds and escalating verified incidents to accelerate containment and response.
- Engineered and automated a client reporting framework adopted by 10+ managed-risk customers, scheduled reports to deliver real-time visibility into mitigated and active threats.
- Collaborated with cross-functional teams to bolster threat detection strategies and streamline risk assessments.
- Managed internship responsibilities alongside a full-time course load, demonstrating exceptional time management skills.

IT By Design | *Summer Intern – Event Tech & Operations*

Jun 2022 - Jul 2025

- Configured and maintained a secure custom event platform supporting over 600 attendees, managing user permissions, content scheduling, and branding assets to ensure seamless access and uptime during high-traffic events.
- Tested and troubleshooted technical issues before and during events, safeguarding seamless functionality through systematic analysis.
- Delivered post-event insights by collecting attendee and speaker feedback, aggregating analytics, and generating executive summaries that informed leadership on engagement metrics, platform performance, and future event improvements.

Longterm Consultants | *AWS Security Intern*

Jul 2025 - Oct 2025

- Lead developer leading the end-to-end migration of the company website to a secure, serverless AWS architecture using Amplify, Lambda, Cognito, API Gateway, DynamoDB, and S3.
- Engineered a fully authenticated web platform featuring user-role-based access, automated appointment scheduling via Microsoft Calendar, and dynamic generation of personalized enrollment sheets and benefits calculators.
- Applied the AWS Well-Architected Framework to ensure security, scalability, and cost-efficiency across the entire deployment pipeline to serve 500+ unique weekly visitors, ensuring low latency and high availability.
- Scaled the AI Powered Threat Detection to automatically flag irregular network patterns and potential threats in real time; optimized detection precision through continuous model retraining and feature refinement.

Perplexity AI | *Perplexity Comet Campus Ambassador*

Jan 2026 - Present

- Drove desktop installs of Comet, Perplexity's AI-native browser, across Boston University by recurring tabling events at high-traffic campus locations, resulting in 500+ total installs each month
- Independently managed end-to-end event logistics, securing campus permits, reserving high-traffic table locations, and coordinating incentive pickup and distribution, for 2+ activations per month
- Tracked and reported event KPIs (installs, location, duration, attendance) directly to Perplexity's Student Growth team, maintaining consistent accountability standards across the semester
- Executed growth campaigns aligned with Perplexity's brand guidelines, contributing to a national student adoption initiative for one of the fastest-growing AI companies

PROJECTS

AI-Powered Threat Detection in AWS

Jul 2025

- Built a secure, scalable AWS environment and trained unsupervised ML models (Isolation Forest, Autoencoder) in SageMaker to identify anomalous VPC network patterns derived from simulated CloudGoat red-team scenarios.
- Integrated the detection pipeline into a production-grade AWS Amplify web app, automating anomaly alerts via Lambda + SNS, and visualizing detections through a custom Streamlit dashboard; fully deployed and managed through Terraform for reproducibility and infrastructure as code.

CORE COMPETENCIES

- **CORE COMPETENCIES:** Threat Detection & Incident Response, Security Information & Event Management (SIEM), Cloud Security (AWS, IAM, GuardDuty, CloudTrail), Automation & AI-Powered Tooling, Technical Documentation & Reporting, Team Collaboration & Stakeholder Communication, Implementation of Artificial Intelligence, Information Security Principles, n8n, Zapier, AI Assisted Coding Tools, MySQL, Reinforcement Learning, ML Pipelines, Product Design, AI Product Building
- **Languages:** Python, Java, HTML/CSS
- **Security Tools:** Arctic Wolf, N-able, GuardDuty, CloudTrail, CloudGoat
- **Cloud Platforms & Frameworks:** AWS (EC2, S3, IAM, VPC, SageMaker, Route53), Jupyter
- **Concepts:** Anomaly Detection, AI/ML Implementation in Security, SOC Workflows, Browser Security Models, Generative AI, PyTorch, Product Design
- **Personal Interests:** Music Production, Firefighting, Rock Climbing, Survivor, Cooking Experiments