

Imran Khan

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EDUCATION

University of Illinois at Chicago

Bachelor of Science in Computer Science

GPA: 3.91 / 4.0

December 2024

Georgia Institute of Technology

Master of Science in Cybersecurity (Part-Time)

Expected: May 2027

CERTIFICATIONS

CompTIA Security+

February 2025

Google Cybersecurity Professional Certificate

February 2024

AWS Certified Cloud Practitioner

January 2024

Google Certified Cloud Digital Leader

August 2023

EXPERIENCE

Cybersecurity Vulnerability Specialist

May 2024 – Present

Blue Cross and Blue Shield of Illinois / HCSC

Chicago, IL

- Leading **150+ TVM assessments** across **APIs, databases, cloud, and systems** with an 85% resolution rate.
- Improved vulnerability scanning and remediation processes through **Python automation**, enhancing efficiency by 30% and responsiveness to security issues.
- Utilizing tools such as **Tanium, Traceable, and Prisma Cloud** to monitor vulnerabilities, enforce **cloud security policies**, and reduce deployment risks by **35%**.
- Performed static and dynamic analysis using **SAST, DAST, MAST, and SCA** tools to identify application-layer vulnerabilities and ensure secure development practices.

Software Engineer

September 2023 – January 2025

Boosted Biz

Chicago, IL

- Engineered a high-performance **AI chatbot** using **Python, JavaScript, and NLP techniques**, boosting user engagement by **25%**.
- Architected scalable **data pipelines** and deployed **machine learning models** using **TensorFlow** for real-time analytics.
- Utilized **Power BI** to present data-driven growth strategies, enhancing business operations by **10%**.

Cybersecurity Intern

February 2024 – June 2024

Millennium IT Solutions

Chicago, IL

- Contributed to cybersecurity projects across **AWS** and **Azure**, reducing breach incidents by **25%**.
- Managed **IAM systems** to control secure access to network resources.
- Automated support workflows using **Python** and **PowerShell**, improving operational efficiency by **40%**.

Software Engineer Intern

February 2024 – May 2024

Maxil Technology

Chicago, IL

- Led full-stack development using **Java, AngularJS, and Postgres** on enterprise apps.
- Enhanced system performance via **Spring Boot** microservices and streamlined workflows with **Jira**.
- Automated CI/CD pipelines in **GCP** using **Maven** and **Git**, accelerating deployments.

Software Engineer Intern

June 2023 – August 2023

66Degrees

Chicago, IL

- Developed and optimized **Google Cloud APIs** with **Java** and **Python**, boosting system efficiency.
- Designed efficient API call patterns and improved internal Agile release pipelines by **15%**.
- Used **Power BI** for data cleaning and building interactive graphs and charts to visualize API usage and trends.

TECHNICAL SKILLS

Languages: C, C++, Python, Java, SQL, JavaScript, Go, R, MATLAB, Bash

Frameworks: Node.js, React.js, Flask, TensorFlow, Docker, Kubernetes, Maven, jQuery, Rest API, Google Test, Valgrind, GDB

Tools: Git, GitHub, GCP, AWS, Microsoft Azure, Linux, Vim, Eclipse, VS Code, R Studio, GCC, SDLC, Jira, Power BI

Embedded Systems: Arduino, Embedded C, Networking protocols (TCP/IP)

Libraries: NumPy, pandas, Matplotlib, Arduino Scripting, TensorFlow, OpenCV