

# Ahmed Mikky

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## PROFESSIONAL EXPERIENCE

### New Jersey Courts

#### Cyber Security Engineer I | Trenton, NJ

February 2024 - Present

- Led weekly automated security scans for internal and external applications using *Tenable Web App Scanning*, ensuring compliance with *OWASP Top 10* and reducing vulnerabilities before deployment.
- Developed and automated mainframe jobs using *JCL*, *REXX*, and *SAS* to eliminate manual processes, improving analyst efficiency by 95%.
- Investigated and responded to security incidents using *QRadar SIEM*, leveraging *Darktrace* and *Microsoft Defender* to mitigate threats and enforce compliance.

#### Information Security Intern | Remote

October 2022 - February 2024

- Completed an average of 100 *Salesforce* tickets per week, demonstrating exceptional efficiency and problem-solving skills in resolving customer issues and ensuring high levels of customer satisfaction.
  - Successfully deployed and hardened a secure *Linux* virtual machine on *VirtualBox*, utilizing *CentOS*, ensuring a reliable and optimized deliverable.
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## PROJECTS

### Reservar

January 2023 - May 2023

- Spearheaded and managed 3 teams (web developers, app developers, and QA team) in a semester-long capstone in creating a parking application to help facilitate convenient parking for Bloomfield College students.
- Oversaw the implementation of the frontend using the *React* framework, creating a user-friendly website for parking reservations, and played a key role in developing the backend infrastructure with 3 servers (production, development, and *Bugzilla*) running on *AWS cloud* with an *Ubuntu* OS.
- Solely managed and integrated IoT technology, utilizing *Raspberry Pi's*, *RFID readers*, and *LCD screens* to enhance the app's functionality, providing real-time parking availability updates, and improving the overall user experience.

### MassSportsNews App

April 2022 - May 2022

- Directed a group of 4 team members for a semester-long project to develop an application using *Android Studio* and *MySQL* that provided recent sports news, tickets for sports events, and a live score count for sports games.
  - Planned, organized the schedule, and assigned tasks throughout the semester for the project using *GitHub* and designed the wireframes with *Figma*.
  - Utilized the NY Times, Odds, and Eventbrite *API* to retrieve and prepare *JSON* data to be displayed on the application.
  - Presented application in front of faculty audience to be judged and received best overall project out of 4 groups.
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## EDUCATION

### Bloomfield College of Montclair State University | Bloomfield, NJ

B.S in Computer Science and Mathematics, GPA: 3.9

September 2020 - December 2023

Undergraduate Coursework: Data Structures and Algorithms, Database Management, Operating Systems, Programming III, Systems Analysis and Design, Mobile Applications, Computer Architecture.

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## SKILLS AND TECHNOLOGIES

Java | Linux | Git | AWS | MySQL | IBM QRadar SIEM | Salesforce | Darktrace | REXX | JCL | Mainframe

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## CERTIFICATIONS

CompTIA Security+ | AWS Cloud Certified Practitioner