

Abass Sesay

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EXPERIENCE

Block Inc, Remote — Software Engineer L6

July 2022 - Present

- Built tools and systems to facilitate the compliance organization with financial crime investigations such as filing Suspicious Activity Report (SAR) with Federal regulatory bodies.
- Led a cross team effort to migrate multiple business units to a different case management platform for reviewing cases for potential bad actors within the companies ecosystem.
- Led working group within the organization to facilitate adoption of generative AI tools like GitHub Co-Pilot.

Microsoft, Redmond — Software Engineer II

August 2019 - July 2022

- Develop tools to monitor and track Windows servicing and delivery.
- Lead effort in getting the team in line with security KPIs. This includes creating robust upgrade and patching strategies. I did this along with creating policies to maintain a secure development environment.
- Implement Windows build ETA for internal use based on statistical analysis of previous builds and the Program Evaluation and Review Technique.
- Design and implement components for auto approving stages along the build pipeline.

Comcast, Philadelphia — Junior Developer (COOP/Intern), Software Engineer II

March 2016 - August 2019

- Maintain and update a Rails Web application that wraps around Nagios monitoring platform to provide an intuitive UI.
- Actively involved in architecting applications and deployment infrastructure. Infrastructure setup is done primarily in AWS.
- Lead development of various monitoring tools for internal applications.
- Perform code reviews within the team and also peer with junior programmers regularly.
- Collaborated with other interns to create a proof-of-concept system integrating Comcast's voice recognition system with customer care capabilities.
- Performed migration of system infrastructures from OpenStack to AWS. Also, Integrated CircleCI into our deployment process, cutting down on deployment time by over 50 percent.

EDUCATION

Drexel University, Philadelphia — MS in Cybersecurity

January 2018 - June 2019

Drexel University, Philadelphia — BSc in Computer Science

September 2014 - June 2017

Delaware County Community College, Pa — AS in Computer Information Systems

January 2013 - August 2014 (Transferred)

Programming Languages

- C#
- Python
- Ruby
- JavaScript
- Java
- HTML
- CSS/SCSS
- C/C++
- GoLang
- Typescript
- Matlab

Skills

- Ruby on Rails
- Dev Ops
- Cloud Services
 - AWS
 - Azure
- ReactJs
- Angular
- Tornado and Flask (Python)
- RESTful API
- .Net

Operating Systems

- Windows
- MacOS/OSX
- Linux - Various distributions

Certifications

- Azure Fundamentals (AZ-900)

