

Education

- **Rutgers University, Newark, NJ**
B.A. in Computer Science & Minor in Mathematics. GPA: 3.7/4.0
- **Relevant Courses**
Computer Networking, Intensive Programing in Linux, Operating Systems, Data Structures & Algorithms
- **Certificate: Solution Architect Associate** (valid until: 2028), **Cloud Computer Practitioner** (Valid Until: 2026)

Technical Skills

- **Front End:** JavaScript (Node.js, React, Angular, Bootstrap), HTML5, CSS
- **Database:** SQL, MySQL, NoSQL (Amazon DynamoDB), Amazon RDS
- **Cloud:** AWS (EC2, S3, RDS, CloudFront, Media Services, Lambda), AWS CLI
- **Server Side:**
Linux: Nginx, Ubuntu, Bash Scripting, **Python:** Flask, **Java:** Maven, **Networking:** Wireshark, Netstat, **Containerization and Orchestration:** Docker, Kubernetes
- **Other Frameworks and Tools:** Git/GitHub
- **Programming Languages:** PHP, C, C++, Swift
- **Development Practices:** Agile, Unit Testing

Experience

Amazon Web Services Cloud Support - Media & Content Delivery (2024 - Present):

- Provide enterprise-level support, troubleshooting, and debugging for over 120 customer cases related to AWS Media Services, including **MediaLive**, **MediaConnect**, **MediaPackage**, **Kinesis Video Streams**, and **CloudFront**.
- Collaborate with leading streaming companies to replicate and analyze complex workflows, gaining in-depth knowledge of live and on-demand streaming using **FFmpeg** and optimizing global content delivery through **CloudFront**.
- Enhance media delivery performance and security by identifying and mitigating vulnerabilities in **CloudFront** and **Lambda@Edge** configurations.
- Guide clients through advanced **AWS CDK** deployments and provide expert troubleshooting on **Linux** and **Apache servers**.
- Provides enterprise-tier support for the following AWS services: CloudFront, Elastic Transcoder, Interactive Video Service, Kinesis Video Service, MediaConnect, MediaConvert, MediaLive, MediaStore, MediaTailor, Simple Email Service, Simple Storage Service, S3 Transfer Acceleration, and Workmail

Amazon Web Services CSA Intern (Summer 2023):

- Developed of a full-stack application leveraging services like Lambda, Rekognition, S3, and SageMaker
- Developed a frontend using AWS Amplify and React and a Lambda backend with API Gateway and VPC endpoints for RDS to ensure client data security by adhering to data best practices
- Created functionality for users to upload images, run facial recognition inference, and display bounding-boxed results in a dashboard
- Troubleshooted clients' networking policies, IAM code, EC2 configurations, and VPC endpoints.

Rutgers IT Department SWE & Technical Project Manager (2022 – 2024)

- Orchestrated the integration of front-end and back-end efforts, focusing on JavaScript, Angular, and B
- Led the front-end engineering of the SASN-IT Access Request Form and Dashboard, leveraging Angular, Bootstrap, JavaScript, PHP, and HTML/CSS to enhance user experience and facilitate access for faculty and staff.
- Embraced additional responsibilities in front-end programming, crafting dynamic approval workflows that improve the submission-to-approval cycle with an adept application of control structures.
- Overcame challenges associated with remote development by instituting Rutgers VPN solutions, thereby ensuring secure and reliable access to the project codebase for the team.

Soft Skills

Teamwork, Attention to detail, Problem-solving, Fast Learner, Communication, Creativity, Approachability and Helpfulness, Time management