

SONIA SHAW

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SUMMARY

Aspiring Cloud Engineer and AWS Solutions Architect Candidate with hands-on experience designing and deploying cloud solutions using AWS services including EC2, S3, IAM, VPC, CloudFront, Route 53, and Lambda. Experienced in software development, cloud infrastructure, Agile methodologies, and AI-powered cloud projects. AWS Certified Cloud Practitioner with a strong foundation in scalable and secure cloud architecture.

EDUCATION

New York City College of Technology (CUNY) — Brooklyn, NY

Bachelor of Technology, Computer Systems | GPA: 3.5

CERTIFICATIONS

- ScrumMaster Certification (Scrum Alliance)
- AWS Certified Cloud Practitioner
- AWS Solutions Architect – Associate (In Progress)

TECHNICAL SKILLS

- **Cloud Platforms:** AWS (EC2, S3, IAM, VPC, EBS, Route53, CloudFront, Lambda, ACM)
- **Development:** Java, Python, SQL, HTML, CSS
- **Platforms & Tools:** WordPress, Git/GitHub, JIRA
- **Methodologies:** Agile, Scrum, SDLC
- **Concepts:** Cloud Architecture, APIs, Debugging, Unit Testing, Scalability, System Integration

EXPERIENCE

Deloitte Consulting LLP — New York, NY DC Junior Associate Intern – Innovation & Technology

01/2024 – 04/2024

- Collaborated with business stakeholders to review and understand technical and business requirements, improving project alignment and reducing requirement defects.
- Participated in Agile development practices including daily standups, sprint planning, backlog discussions, and Program Increment (PI) planning sessions.
- Supported cloud-hosted application initiatives using AWS technologies and software development best practices and delivered client-facing presentations and technology solutions to improve product engagement and adoption.
- Worked in Agile environments using Git/GitHub and AWS-hosted technologies.

HelpMate Micro-Business Project — Lecturus Internship — New York, NY WordPress Developer & Project Manager | 06/2025 – 08/2025

- Co-developed a service platform using WordPress and Elementor, improving accessibility, usability, and customer engagement.
- Conducted user and business analysis to define system requirements and improve service delivery.
- Configured, tested, and maintained web-based solutions while supporting system functionality and performance improvements.
- Collaborated with cross-functional team members to support project delivery and technical implementation.

PROJECTS

AWS Static Website Hosting

- Built and deployed a static website using Amazon S3, CloudFront, Route 53, and ACM.
- Configured HTTPS and DNS routing.
- Implemented cost-effective serverless web hosting architecture.

AWS Troubleshooting AI Agent | 2026 – Present

- Developing an AI-powered AWS troubleshooting assistant using **Rita AI, n8n workflows, AWS Lambda, Amazon S3, and IAM**.
- Designing serverless automation workflows to answer AWS service questions and troubleshoot cloud architecture scenarios.
- Building a custom AWS knowledge base containing documentation for IAM, EC2, S3, Lambda, CloudFront, Route 53, and Load Balancers.
- Integrating AI-powered responses with cloud services through **AWS Lambda functions and API-based automation**.
- Implementing secure access controls using IAM policies and cloud security best practices.
- Leveraging **n8n workflow automation** to orchestrate AI interactions, knowledge retrieval, and AWS service integrations.