

# SHURI T'CHALLA

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## PROFILE

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Aspiring Cloud Developer with a strong foundation in designing, building and managing secure, scalable and cost-effective cloud solutions. Proficient in the latest cloud-native tools and technologies to create full stack cloud-native applications. Committed to contributing to innovative cloud projects that drive digital transformation.

## SKILLS

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- Proficient in evaluating, designing, and deploying scalable cloud-based solutions using the appropriate architectural model for business needs
- Able to plan and execute the migration of legacy applications to managed cloud solutions
- Skilled in automating DevOps tasks, including integration and continuous deployment (CI/CD) of application code and infrastructure management tasks
- Knowledge of security and privacy concerns, implementing security policies, performance monitoring, and compliance checks
- Capable of managing projects from inception to completion, ensuring timely delivery and quality outcomes
- Ability to work effectively in a team environment, collaborating and communicating with other IT professionals, clients and stakeholders

## EDUCATION

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**Graduate Certificate, Cloud Development and Operations** Jan. 2025 – Present  
Algonquin College, Ottawa, ON

**Diploma, Computer Programming** Sept. 2022 – Apr. 2024  
Algonquin College, Ottawa, ON

## ACADEMIC PROJECTS

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**Cloud-Native Task Management Application** Mar. 2025 – May 2025  
Algonquin College, Ottawa, ON

- Developed a cloud-native task management app with React, Node.js, and MongoDB, integrating AWS Cognito for secure authentication.
- Designed and deployed containerized microservices using Docker and Kubernetes, ensuring high availability and scalability.
- Implemented TDD with Jest and Mocha, reducing bugs and improving code quality and reliability.

**Cloud Migration and Optimization Project**

Feb. 2025 – Mar. 2025

Algonquin College, Ottawa, ON

- Migrated a legacy application to the cloud, reducing infrastructure costs and enhancing application performance through strategic use of cloud services.
- Implemented a comprehensive monitoring and logging solution, resulting in reduced downtime and faster issue resolution times.
- Optimized application architecture for scalability and resilience, enhancing user experience by leveraging auto-scaling and load balancing.

**WORK EXPERIENCE**

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**Software Developer Intern**

May 2024 – Dec. 2024

Kinaxis, Ottawa, ON

- Collaborate with the Architecture & Innovation team to determine the best architecture and technology solutions for challenging software problems.
- Develop software prototypes to validate architectural ideas and test their functionality, performance, and scalability.
- Research and recommend appropriate software technologies to integrate into the product, ensuring a consistent approach across development teams.
- Assist in the design and prototyping of new product features, ensuring alignment with overall architectural goals.
- Perform testing and validation of prototypes, documenting results and providing feedback for improvements.
- Participate in team meetings and contribute to technical discussions, sharing insights and learning from experienced team members.

**CERTIFICATIONS & TRAINING**

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**AWS Certified Cloud Practitioner Certification**

Mar. 2025 – Present

Amazon Web Services

**AWS Certified Developer Certification**

Mar. 2025 – Present

Amazon Web Services

**AWS Certified Solutions Architect Certification**

Feb. 2025 – Present

Amazon Web Services

**AWS Certified SysOps Administrator Certification**

Feb. 2025 – Present

Amazon Web Services