

SHURI T'CHALLA

Phone: 613-727-4723 Email: tcha111@algonquinlive.com

PROFILE

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

- 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

Graduate Certificate, Cloud Development and Operations
Algonquin College, Ottawa, ON

Jan. 2025 – Present

Diploma, Computer Programming
Algonquin College, Ottawa, ON

Sept. 2022 – Apr. 2024

ACADEMIC PROJECTS

Cloud-Native Task Management Application
Algonquin College, Ottawa, ON

Mar. 2025 – May 2025

- 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

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

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