

# RAHUL LOTIA

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## PROFILE

Mobile Computing student skilled in full-stack development, demonstrated through projects with 95%+ user satisfaction. Expert in building expandable applications using Flutter, iOS, and cloud technologies

## TECHNICAL SKILLS

- Mobile Development: Flutter, Swift, iOS Development, Android Development
- Cloud & Backend: AWS Amplify, Azure, Spring Boot, REST APIs, Serverless Architecture
- Programming: C#, C++, Python, Django, Swift
- Tools & Technologies: Git, Docker, Unity/Unity3D, AR/VR Development, ServiceNow
- Testing & Automation: Lambda-test, Cross-browser Testing, Test Automation
- Methodologies: Agile (Scrum), Waterfall, CI/CD pipelines

## EDUCATION

Sheridan College - Oakville, ON, Canada January 2022 - December 2025  
Honours Bachelor of Computer Science (Mobile Computing)

R.C. Technical Institute - Ahmedabad, GJ, India August 2018 - March 2021  
Diploma in Computer Engineering

CN Institute of Computer Education - Ahmedabad, GJ, India November 2017 - January 2018  
Diploma in Multilingual Web Technologies

## EXPERIENCE

Loblaws Companies Ltd Milton, ON, Canada  
Overnight Inventory Control Specialist July 2023 - Present

- Lead night crew operations, managing Tier 1 & 2 SAP support for inventory control
- Mentor 15-person team, achieving 95% accuracy in inventory management
- Analyzed inventory data patterns across 3000+ SKUs, reducing shrinkage by 30% and optimizing stock levels using SAP predictive analytics and ML forecasting

Colas Canada Inc Toronto, ON, Canada  
Immersive Software Development Intern July 2024 - September 2024

- Led VR onboarding initiatives using Unity 3D and C#, improving training efficiency by 40%
- Created AR visualization system for 8 construction zones using Unreal Engine and IoT sensors, enabling real-time site monitoring and safety compliance tracking
- Implemented SharePoint integration for improved project documentation and collaboration

## KEY PROJECTS

Project Lead and iOS Developer: Immerse Me Storytelling September 2024 - December 2025  
Sheridan College, Oakville, ON, Canada

- Architected and developed an innovative AR storytelling platform using Swift and AWS services
- Engineered AI-powered content engine resulting in 90% user engagement
- Led backend development using AWS, creating expandable pipelines and serverless architecture
- Partnered with Colas Canada to implement 8 construction safety training scenarios with 95% field worker completion rate

Project Lead: Mobile Transportation Solutions February 2023 - April 2024  
Sheridan College, Oakville, ON, Canada

- Architected and deployed two large-scale mobile applications serving 100K+ users: a ride-sharing platform (Tripster Rides) and parking optimization system (Park It)
- Built cloud infrastructure using AWS Amplify with millisecond latency, PCI-DSS compliant payments, and real-time data processing
- Implemented AI/ML solutions achieving 95% user satisfaction and 20% reduction in urban congestion
- Developed real-time location tracking and matching algorithms reducing user wait times by 25%

Software Integrator: Veronica Virtual Assistant September 2020 - January 2021  
R.C. Technical Institute, Ahmedabad, Gujarat, India

- Built and managed an AI-powered virtual assistant integrating 30+ APIs for task management
- Achieved 90% accuracy in natural language processing and conversational AI capabilities
- Integrated 1000+ information sources across 50+ topics with secure data flow architecture
- Led 3 cross-functional teams to enhance NLP accuracy by 25% and reduce API response time by 40%