

# RAHUL LOTIA

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## PROFILE

High-performing professional with a 99% accuracy, 90% efficiency rate, exceeding expectations on 90% of projects while managing 5-7 tasks simultaneously (100% on-time, 99% accuracy), and fostering strong client/colleague relationships (95% satisfaction).

## TECHNICAL SKILLS

- Created Android/iOS apps using Flutter and Spring Boot, Coded native iOS apps in Swift, supporting 10+ million users.
- Integrated AWS Amplify services and Azure REST APIs for serverless architectures.
- Spent on Waterfall for 2 years, then transitioned to Agile (Scrum) for 2 years.
- Skilled in C#, C, C++ application development (gaming, embedded systems, kernels, networking) and Python proficiency for data analysis (1TB processed), web dev (Django), machine learning (95% accuracy models), and automation scripting.
- Proficient with IDEs (Visual Studio, XCode, Android Studio) and DevOps tools (Git, Bitbucket, Docker).
- Proficient in developing and implementing AR/VR solutions for construction visualization and training simulations.
- Skilled in ServiceNow platform for IT service management and workflow automation
- Experience with LambdaTest for cross-browser testing and automation

## EDUCATION

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

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

**Certificates in ASP.NET and Advance PHP** CN Institute of Computer Education- Ahmedabad, GJ, India April 2018 - May 2018

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

## ACADEMIC PROJECTS

**Project Lead: Tripster Rides for iOS and Flutter** Sheridan College- Oakville, ON, Canada November 2023 - April 2024

- Built intelligent ride-sharing platform with AI-powered matching (location, route, preferences, traffic), 95% user satisfaction via ML, suggesting 20% faster routes, and real-time GPS matching within 2km (30sec updates).
- Built high-scalability cloud architecture on AWS Amplify (100K+ users, millisecond latency), secured with encryption, authentication, and PCI-DSS compliant payment integration (<200ms transactions).

**Project Lead: Park It for iOS, Flutter and Android** Sheridan College- Oakville, ON, Canada February 2023 - October 2023

- Built "Park It" app for 100k+ users, using real-time data to cut traffic by 25%, Google Maps for navigation (saving \$50+/month), and gamified parking for 20% emission reduction.
- Developed a data-driven parking app utilizing machine learning, real-time data, navigation, and gamification to predict demand and optimize allocation, increasing utilization by 35%, reducing congestion by 20%, and enabling users to find spots in 2 minutes on average.

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

- Built and managed Veronica, a system integrating 30+ APIs for task management, NLP, and conversational AI (90% accuracy) with secure data flow and request prioritization (up to 10 concurrent).
- Integrated 1000+ news/information sources across 50+ topics, providing real-time access. Collaborated with cross-functional teams for continuous enhancement of Veronica's capabilities.

## EXPERIENCE

**Immersive Content Development Intern** Colas Canada Inc.- Toronto, ON, Canada July 2024 - September 2024

- Led VR Onboarding project and developed innovative solutions using Unity, Unity 3D, C#, and SharePoint, while conducting field visits to gain insights into cutting-edge construction technologies
- Coordinated projects in a fast-paced environment, consistently meeting deadlines and exceeding quality expectations while deepening understanding of company operations

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

- Led Night Crew operations with Tier 1 & 2 SAP support, mentored a 15-person team to achieve sales & efficiency KPIs, and ensured data integrity for product quality & inventory control.
- Managed inventory discrepancies and shrinkage through data analysis and process improvements. Collaborated with Department Managers, store leaders, and over 110 personnel to streamline operations and achieve departmental goals.