

RAHUL LOTIA

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PROFESSIONAL SUMMARY

Innovative software developer with hands-on experience in mobile and immersive application development, complemented by over 2 years of internships in dynamic tech environments. Proficient in Swift, C#, and AWS, I've successfully built AR features and enhanced user satisfaction to 95% through user-focused design. My collaborative work on VR onboarding modules showcases my ability to deliver impactful solutions that drive engagement and efficiency.

PROFESSIONAL EXPERIENCE

Loblaw Companies Ltd

Inventory Control Specialist

Toronto, ON, Canada

June 2023 - Present

- Improved inventory accuracy by 15% by analyzing inventory trends using Excel and applying statistics and mathematics within a retail tech environment, leveraging business analytics and data science concepts.
- Streamlined team workflows by supporting front-end and back-end process improvements, clearly communicating findings, and contributing to the creation of workflow prototypes during cross-functional inventory management projects.
- Enhanced reporting efficiency by leveraging Excel and business analytics to generate actionable reports from SAP and enterprise software solutions, supporting informed team decision-making.
- Contributed to inventory management system enhancements by sharing data-driven insights using statistics and mathematics, supporting improvements in web services integration and process automation through collaboration with technical and operations teams.

Immerse Me

iOS Developer

Oakville, ON, Canada

September 2024 - December 2025

- Enhanced user engagement by 25% by building front-end AR storytelling features with Swift, integrating back-end AWS web services, and applying mathematics for interactive learning.
- Improved content personalization and recommendation accuracy by leveraging Python for data science and business analytics to develop prototypes that analyzed user behavior.
- Delivered robust safety training solutions adopted by 3 industry partners by designing front-end and back-end modules using JavaScript and React, integrating Excel-based statistics and web services for data-driven analytics.
- Reduced deployment time by 40% by implementing cloud solutions and prototypes that streamlined content management and utilized statistics for monitoring system performance.

Colas Group

Immersive Software Development Intern

Toronto, ON, Canada

June 2024 - October 2024

- Enhanced onboarding efficiency for new employees by building immersive onboarding prototypes using Unity 3D and C#, integrating data science concepts to tailor learning paths.
- Increased site safety awareness by 20% by developing front-end and back-end AR visualization systems in Unreal Engine, applying mathematics and statistics for hazard prediction.
- Improved team documentation and analytics workflows by implementing SharePoint integration and automated Excel data flows to streamline reporting and business analytics.
- Accelerated prototype development cycles by 15% by collaborating with cross-functional teams to design and test prototypes using Python, JavaScript, and REST-based web services.
- Strengthened collaboration and solution delivery by participating in daily standups, documenting findings, and contributing to both front-end and back-end solutions using React and business analytics approaches.

Sheridan College

Mobile Software Developer Intern

Oakville, ON, Canada

February 2023 - April 2024

- Achieved 95% user satisfaction in mobile application development by implementing user-focused front-end features using React and JavaScript, applying data science principles to enhance usability.
- Improved app performance and reduced user wait times by 30% by developing and optimizing back-end algorithms with Python and mathematics for real-time location tracking in mobile apps.
- Enabled cloud-based scalability for mobile apps by utilizing AWS Amplify to integrate web services and automate infrastructure, applying business analytics for ongoing performance monitoring.
- Contributed to proof-of-concept prototypes by assisting in the design and testing of new app features, using statistics and Excel for data analysis and reporting.

R.C. Technical Institute

Software Integrator

Ahmedabad, GJ, India

September 2020 - January 2021

- Enhanced AI assistant project accuracy by 20% by integrating multiple APIs with Python and applying data science and business analytics to connect back-end web services and improve natural language processing.
- Accelerated prototype development cycles by 30% by utilizing React and JavaScript for front-end prototypes, supporting back-end integration to REST-based web services, and applying mathematics and statistics for data handling.
- Improved team efficiency in data-driven decision making by leveraging Excel and business analytics to document findings, analyze integration data, and propose innovative solutions in cross-functional teams.
- Boosted natural language processing performance by applying Python, statistics, and mathematics to optimize data flows and test AI model accuracy across front-end and back-end components.

EDUCATION

Sheridan College

Bachelor's, Computer Science

January 2022 - December 2025

GPA: 3.4

R.C. Technical Institute

Associate's, Computer Engineering

August 2018 - March 2021

GPA: 3.9

CN Institute of Computer Education

Bootcamp, Human Computer Interaction

November 2017 - January 2018

GPA: 4

SKILLS

Skills: Java, Python, MATLAB, Agile, Dart, Objective-C, iOS/Swift, Kotlin, AWS, Microsoft Azure, Business Analytics, Spring, REST APIs, Data Structures & Algorithms, Software Testing, Django, C#, C/C++, SCRUM, Docker, Pandas, ServiceNow, Usability Testing/Engineering, Kubernetes, Data Science

Languages: French, English