

PREETIKA CHHOTRAY

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PROFESSIONAL SUMMARY

Dynamic professional analyst with a track record of success improving business systems in finance, automotive and information services industries. Excellent research, data analysis and communication strengths developed over 4+ year career.

PROFESSIONAL EXPERIENCE

TD Bank, Toronto, Canada
Business Systems Analyst III, TD Securities Jan 23 – June 24

- Spearheaded the development of Liquidity Risk Manager (LRM) that went live in Jan 2024 for front office, revolutionizing liquidity risk management addressing the challenge of evolving business changes and liquidity perspectives, allowing for dynamic updates to LRM assumptions
- Achieved a remarkable 80% improvement in efficiency by optimizing the LRM calculations using updation of user configuration, performing regression testing and efficiently managing source code updates
- Leveraged Camunda, SQL and Alteryx to streamline data retrieval and calculation and Git, DBVisualizer and Postman to maintain the stability and reliability of the product, significantly impacting the business

TD Bank, Toronto, Canada
Business Systems Analyst Co-op, TD Securities Sept 22 – Dec 22

- Supported the Change and Governance team to establish communication to ensure all feedback regarding Change Request applications is addressed in timely manner prior to change going into production environment
- Collaborated with cross-functional teams to deliver actionable insights which enhanced the decision-making process of teams and contributed to a 30% increase in addressing of CAB requirements
- Screened approximately 1000 change requests for approvals of tickets and developed comprehensive reports using advanced data visualization tools using ServiceNow, TCP tool and Excel

Gerson Lehrman Group, Gurugram, India
Research Specialist, Compliance Apr 21 – Aug 21

- Conducted thorough compliance audits, reducing non-compliant incidents by 25% through meticulous analysis and corrective actions
- Held position of a fraud examiner, reviewed, and evaluated completeness, accuracy, and appropriateness of an individual and company’s profile
- Learnt and applied compliance policies using Salesforce to protect data integrity of client engagements by 50%

OLA, Gurgaon, India
Business Analyst, Revenue Management Team Aug 19 – Dec 20

- Established constructs for pricing strategies and business operations, and conducted market research for growth and expansion, resulting in a 50% increase in profit for the company
- Headed business operations and conducted market research surveys to drive business growth achieving 12 - 15 % increase was witnessed in both driver partners and profit
- Validated analysis on driver data using most trending technologies like Hive, Excel and SQL

EDUCATION

Master of Applied Computing, University of Windsor, Canada 2022
Bachelor of Technology, Information Technology, GGSIPU, India (best student of the year awardee) 2019

TECHNICAL SKILLS & SOFT SKILS

- **Programming Languages:** Java, C, C++, Python
- **Database Management:** MSSQL, NoSQL, MySQL, Oracle, MongoDB, Dremio, DBVisualizer
- **Internet Design:** HTML, CSS, PHP
- **Other technologies:** OpenCV, Tableau, Alteryx, Excel, Postman, ServiceNow, Camunda, Git, Jira, Confluence, Bitbucket

ACADEMIC PROJECTS

Predictive Analysis for Donation Data Jan 2022 – Apr 2022

- Built a dynamic and comprehensive dashboard to display the analysis of donations from DonorsChoose.org.
- Leveraged Agile Methodology and technologies like MongoCompass, NodeJs, Crossfilter.js and DC.js.

Web Search Engine (ATOM) Sept 2021 – Dec 2021

- Developed a web search engine on Eclipse using Java to perform various functionalities.
- Analysed and leveraged existing algorithms to crawl web, search patterns and perform page ranking.

Playing PacMan using Hand Gestures, Bachelor Thesis Project Sept 2018 – Apr 2019

- Modified the PacMan game by utilising hand motions and gesture recognition to manage gameplay.
- Programmed the system using Tensorflow, Python, NodeJS, Web server for Chrome, HTML.

Hand Gesture Recognition using Computer Vision, Minor Project Jan 2018 – Aug 2018

- Developed, modified, and implemented a robust hand gesture recognizer by using background subtraction method.
- Used technologies like Python and OpenCV for gesture recognition.

CAREER HIGHLIGHTS

- Achieved a remarkable 80% improvement in efficiency by optimizing the LRM calculations as the product subject matter expert by updating user configuration, performing regression testing and efficiently managing source code updates
- Promoted straight from first level analyst to third level analyst within 4 months at TD Bank
- Developed, modified and implemented a robust hand gesture recognizer by using background subtraction method which got the best project award from the Head of Department, IT at GGSIPUniversity
- Selected as a Guest speaker at a national TD Bank event that was live-streamed across Canada

ACCOMPLISHMENTS

- Organized TD TechCon, a premier technology conference held in April 2024, successfully coordinating participation from industry giants such as Google, Microsoft, IBM, Datadog, and Salesforce, enriching my professional network and demonstrating my capability to manage high-profile events
- Received recognition for the best project in the University of Windsor's **Advanced Database Topics** course, showcased during Demo Day in August 2022, highlighting my exceptional skills in database management and innovative idea/project execution and team work
- Was awarded the Best Student of the Year Award by the **Head of Department, IT department** at Guru Gobind Singh Indraprastha University in May 2019
- Volunteered to teach underprivileged kids (middle & high-school level) Mathematics and Computer Science in 2023-2024