YASHASWI PANDEY

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EDUCATION

Syracuse University, School of Information Studies, Syracuse, NY   August 2023 - May 2025
M.S. | Data Science
GPA: 3.80
Relevant Coursework: Introduction to Data Science | Database Management and Administration | Scripting for Data Analysis | Business Analytics | Applied Machine Learning | Quantitative Reasoning | Information Visualization | Visual Analytics Dashboards | Deep Learning in Practice | Financial Analytics

Sheridan College, Faculty of Applied Science and Technology, Brampton, ON   January 2019 - June 2020
Diploma | Computer Programming
Relevant Coursework: Spring Boot | Java | Web Development | Linux | Networking | Database Management and Administration.

Dr. A. P. J. Abdul Kalam Technical University, Institute of Engineering and Technology, Lucknow, India   August 2014 - June 2018
B.Tech. | Computer Science and Engineering
Relevant Coursework: Computer Based Numerical Techniques | Engineering Mathematics | Theory of Automata | Compiler Design | Database Management.

EXPERIENCE

Sales Associate, Tokyo Smoke, Toronto, ON   September 2021 - April 2022
- Exhibited expertise in 150+ products, delivering tailored recommendations and addressing customer inquiries
- Executed strategic marketing initiatives, resulting in 15% increase in customer acquisition and retention
- Managed Point-of-Sale transactions, ensuring accuracy in cash and electronic payment processing

Dispatcher, Joeyco, Toronto, ON   August 2020 - August 2021
- Optimized last-mile delivery operations, reducing average delivery time by 65% through innovative routing algorithms
- Established efficient communication channels between drivers, warehouse personnel, and management
- Resolved customer inquiries promptly, improving satisfaction rates by 40%

Intern, Software Developer, Mobitrail, Mumbai, India   August 2018 - October 2018
- Engineered document upload feature for chatbot using Python, contributing to project milestone completion
- Devised testing procedures to enhance performance and security compliance, reducing bugs by 15%
- Facilitated effective decision-making through stakeholder communication

Intern, Web Developer, Korbose Technologies, Noida, India   June 2017 - July 2017
- Developed responsive, cross-browser compatible webpages using HTML, CSS, and JavaScript
- Provided PHP-based server-side support and conducted comprehensive web application testing
- Improved server uptime by 10% through efficient issue resolution

ACADEMIC PROJECTS

Soccer Analysis: Python project analyzing soccer matches and player performances.

Poker Game: Designed a poker game to demonstrate database techniques using MSSQL, Azure, React and Python.

Library Management System: Leveraged Java Swing and MySQL project with book blurbs and ability to reserve a book.

Casino Royale: Android game with luck-based games.

Hospital Management System: Created a full stack project to book appointments built using Java Spring Boot and Thymeleaf.

TECHNICAL SKILLS

Proficient in database management (MSSQL, Azure Data Studio), statistical analysis (RStudio, Rcmdr, Anaconda), and data visualization (Tableau, Power BI). Advanced Excel skills include statistical analysis, forecasting, and optimization. Experienced with Google Analytics and Microsoft Office 365.

Programming Languages: Java, C, C++, CUDA, R, Python, SQL, HTML, CSS, JavaScript, MATLAB.
Analytical Techniques: Statistical analysis (correlation, regression, ANOVA, logit/probit models), machine learning (neural networks, k-means clustering, decision trees), data mining (factor analysis), and fraud detection (Benford's Law).

LEADERSHIP

President, Coding Syndicate of Sheridan, Sheridan College   May 2019 - May 2020
Led the Coding Syndicate, organizing weekly programming workshops and strategic planning sessions. Facilitated collaborations with Toastmasters and WISE clubs, resulting in 240% membership growth. Coordinated hackathons, contributing to multiple competition wins in Ontario. Served as key liaison between student union and faculty for club initiatives.

President, Media Team, Institute of Engineering and Technology   Nov 2014 - May 2018
Established and led campus media team, enhancing event coverage and student engagement. Developed partnerships with local media for content publication. Managed comprehensive reporting, photography, and videography of campus events, improving the institute's media presence and student involvement.