# AMANDEEP KAUR

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## Objective

Detail-oriented and self-driven IT graduate with postgraduate certifications in Reporting Systems, Database Development, and Big Data Solution Architecture. I am skilled in data visualization, Java-based development, and modern BI tools, including Power BI and Tableau. Experienced in developing ETL pipelines, dashboards, and full-stack web applications. Demonstrates strong problem-solving, communication, and teamwork skills through academic and real-world projects. Open to relocating for career opportunities in data analysis, backend development, or reporting.

## Highlights of Qualifications

- **IT Graduate with Specialized Training**: Holds postgraduate certificates in Reporting Systems, Database Development, and Big Data Solution Architecture with strong academic and project-based exposure to modern data technologies.
- **Data & BI Expertise**: Proficient in Power BI, Tableau, Oracle SQL Developer, and ETL tools like ODI; experienced in building data warehouses, designing OLAP cubes, and creating impactful dashboards.
- **Programming & Development Skills**: Hands-on experience in Java, Spring Boot, SQL, PHP, JavaScript, HTML/CSS, and REST API integration for full stack and backend development.
- **ETL & Cloud Deployment**: Skilled in designing secure PostgreSQL deployments on AWS RDS, automating workflows with n8n, and building scalable ETL pipelines for structured data processing.
- **Strong Analytical Abilities**: Adept at translating complex datasets into actionable insights to support fraud detection, job market analysis, and operational efficiency.
- **Team-Oriented & Adaptable**: Proven ability to work independently and collaboratively in fast-paced environments; strong communication and problem-solving skills.
- **Leadership & Engagement**: Demonstrated leadership as a Student Mentor, Orientation Volunteer, and college society executive, fostering academic success and inclusion.

## Education

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| Reporting Systems & Database Development, Post-Graduate Certificate, Conestoga College | 2024 – 2025 |
| Big Data Solution Architecture, Post-Graduate Certificate, Conestoga College | 2023 – 2024 |
| Bachelor of Computer Applications, Punjab University, India | 2019 – 2022 |

## Projects

**FinSecure Dashboard – AI-Powered Fraud Detection (Power BI)**
- Collaborated on an AI-integrated dashboard that detects banking fraud using real-time transaction data.
- Defined key fraud indicators, implemented AI model output monitoring, and enabled automated alert systems.
- Visualized data trends, dispute rates, and fraud risks to support real-time decision-making.

**Java-Based eCommerce Web Application (eShop)**
- Developed a dynamic e-commerce platform with user login, product management, and inquiry handling.
- Built secure RESTful APIs using Spring Boot and connected them to a MySQL database.
- Designed a responsive frontend with Materialize CSS and implemented dynamic logic using JavaScript.
- Integrated an admin dashboard with full CRUD functionality and improved performance via async data flow.

**Data Warehouse & ETL Pipeline – AI/Data Science Job Market**
- Created a star schema data warehouse and OLAP cube in Oracle SQL Developer.
- Designed and implemented ETL pipelines using ODI for staging, dimension, and fact data loading.
- Developed Power BI dashboards to visualize salary trends, job locations, and remote opportunities.

**Security Automation & Data Integrity**
- Created automated monitoring workflows in n8n for PostgreSQL and MongoDB.
- Configured secure PostgreSQL deployment on AWS RDS with SSL/TLS and IP-based restrictions.
- Set up real-time anomaly alerts via email; validated connection security in DBeaver.

**Online Library Management System**
- Digitalized library catalog using MySQL and designed a PHP/JS-based interface for fast lookups.
- Automated book issuing and return processes, increasing operational efficiency.
- Added search filters for title, author, and category, reducing lookup times significantly.

## Employment History

**Security Guard, Securitas Canada Ltd., C**ambridge                                    2024 – Present
- Monitored access control and performed security audits, documented incidents, and prepared reports.
- Operated surveillance systems and performed metal detector screening; ensured facility safety.
- Gained experience working independently and under pressure; maintained detailed shift logs.

**Talent Acquisition Specialist, Om Careers, India**                                    2022
- Managed recruitment cycles for tech roles; coordinated with hiring managers on role definitions.
- Screened resumes, conducted interviews, and streamlined onboarding, reducing time-to-hire.

## Training and Certifications

Advanced MySQL Data Analysis – LinkedIn                                    2025
Salesforce Essential Training - LinkedIn                                    2025
Ontario Security Guard License                                    2023
First Aid CPR/AED Level C – Canadian Red Cross                                    2023

## Leadership and Volunteering

**Conestoga College (2024 – 2025)**
- Student Experience Mentor: Supported peers and organized workshops for academic success.
- Orientation Volunteer: Helped incoming students transition smoothly to campus life.
- Book & Clothing Swap: Promoted inclusion and sustainability through donation events.

**Other**
- Vice President – Career Counselling & Placement Cell | Secretary – Anti-Drug Society (2021-22)
- Discipline Head – Anti-Drug Society & Anti-Ragging Society (2020-21)
- Executive – Anti-Drug Society (2019-20)