

Chitra Savaj

Toronto, ON

csavaj@my.centennialcollege.ca | (437)557-1202

www.linkedin.com/in/chitrasavaj

CAREER SUMMARY

- Driven Junior AI Developer with expertise in Python, SQL, and machine learning. Seeking an opportunity to apply my AI knowledge and project experience to develop innovative, data-driven solutions.
- Proactive AI enthusiast with hands-on experience in database management and machine learning projects. Proven ability to lead teams and deliver solutions that optimize performance and meet user needs.
- Proficient in visualizing and designing well-detailed, highly scalable cloud infrastructure in a cross-functioning team environment to identify, analyze complex problems, and complete tasks on time.

SKILLS AND TECHNOLOGIES

- Programming: **Python, SQL, JavaScript, HTML/CSS, Java, SQLite, SQLAlchemy**
- Frameworks & Libraries: **Pandas, NumPy, Flask, Django, Angular, Node.js, React, Eclipse, Selenium WebDriver, BeautifulSoup**
- Operating System: **Linux, Windows**
- Developing Tools: **Git, GitHub, VS code, PyCharm, Anaconda Navigator**
- Other Tool: **RESTful API**

PROFESSIONAL EXPERIENCE

Junior AI Developer

(Database Management / Python / Problem Solving)

- Driven individual in Artificial Intelligence and Database Engineering, with hands-on project experience in machine learning, database management, and data-driven solutions.
- Utilized Python programming and SQL (Oracle) to create and manage databases and develop machine learning models.
- Proven proficiency in Python programming, SQL (Oracle), and developing data models to optimize performance.
- Strong foundational knowledge in AI concepts, including search algorithms (DFS, BFS, UCS), machine learning (classification, regression), neural networks, natural language processing (NLP), computer vision, image processing, clustering (mean shift), and feature engineering.
- Leveraged my multilingual skills (English, Hindi, Gujarati) to translate complex technical concepts into simplified explanations for non-technical stakeholders, ensuring they understood the implications of AI-driven solutions.

EDUCATION

- **Advanced Diploma in Software Engineering Technology-AI (Advanced Diploma), Centennial College, Toronto, ON**
GPA: 4.0/4.5
September 2023 - Present
 - **Key Courses:** Web Interface Design | Database Concepts (SQL) | Client Side Web Development | Unix/ Linux Operating Systems | Software Requirements Engineering | Web Application Development | AI | Software System Design

PROJECTS

Video Game Retailer Management System

Environment: SQL

- Co-developed a robust Video Game Retailer Management System (VGRMS) database, designed to streamline inventory management, customer relationship management, and supplier interactions for video game retailers. The system encompasses game information, genre details, platform specifications, supplier data, inventory records, customer profiles, transaction data, and more, facilitating efficient and centralized data management.
- Acted as Project Lead in a team of 4, overseeing task allocation, coordinating team activities, tracking project milestones, ensuring quality assurance, and delivering the project according to specified requirements.

Web Design

Environment: HTML, CSS

- Developed a realtor website using HTML and CSS to display real estate listings and services.
- Designed and implemented the site layout, integrated features like search filters and contact forms, ensured cross-browser compatibility, and maintained a responsive design for various devices.

Software Requirements Document - *Campus Explorer Application*

- Authored the Software Requirements Specification (SRS) document for "Campus Explorer," a navigation application designed to assist new students in efficiently navigating campus. The SRS outlines the application's scope, features, and functionalities, including an interactive map interface for intuitive navigation.

Earnings Analysis of College Degrees

Environment: Python

- Analyzed a dataset of 1.2 million Americans with bachelor's degrees using Python and Pandas to evaluate and compare earnings across various college majors.
- Cleaned and explored data, identified degrees with the highest starting salaries and earning potential, and compared average earnings between Business, STEM, and HASS fields.
- Employed data cleaning, sorting, grouping, and filtering methods to derive insights on degree-related earnings and financial risks.

CERTIFICATIONS AND ACHIEVEMENTS

- AWS Cloud Practitioner
- 100 Days of Python for Beginners | Udemy (Online) | Certificate
- The Ultimate MySQL Bootcamp: Go from SQL Beginner to Expert | Udemy (Online) | Certificate