Arshmeen Kaur

Full Stack Software Development, Post Graduation
+arshmeenk19@gmail.com   · linkedin.com/in/arshmeen-kaur-60a468153   · portfolio-arshmeenkaur

---

SUMMARY

Pursuing a post-graduate program in Full Stack Software Development at Lambton College, with a background in Electronics and Communication from Thapar Institute of Engineering and Technology. Proficient in Python, Java, C/C++, C#, JavaScript, HTML, and database management. Previously interned at Eaton and worked as a Software Developer at CipherSquare Technologies. Eager to apply technical expertise to drive innovation and contribute to a dynamic team.

SKILLS

C/C++	HTML	Power BI
Python	CSS	Object Oriented Programming
Java	DBMS(SQL)	MS-Excel
Javascript	Data Structures	

PROFESSIONAL EXPERIENCE

Cipher Square Technologies   **Feb'24 - July'24**
Software Developer
- Incorporated Python to integrate AI concepts, particularly, Natural Language Processing (NLP) into real time scenarios.
- Enhanced NLP models to improve text analysis accuracy by 20%, while implementing user interaction features to increase engagement and streamline user feedback collection.
- Implemented AI models, improved data extraction accuracy by 30%, optimizing information retrieval across applications.

Eaton Corporation   **Mar'23-Sept'23**
Data Science Intern
- Developed a Python-based search tool with NLP techniques, leveraging Named Entity Recognition (NER) to extract data from PDF and Excel files, enhancing data retrieval efficiency and user interaction.
- Engineered an Automatic Report Generation tool using Python, integrating PyQt5 and Tkinter for a user-friendly interface.
- Streamlined Excel and Word interactions by incorporating openpyxl, docx, regex libraries, and Word VBA Macros, automating report generation and improving efficiency by 40%.

EDUCATION

Post Graduation in Full Stack Software Development

Sept' 2024 - Present
3.35/4

Bachelors of Electronics and Communication

August' 2019 - July'23
7.33/10

PERSONAL PROJECTS

Spiro
- Developed a Sudoku solver using a custom Backtracking Algorithm, solving 81-cell puzzles in under 2 seconds.
- Optimized accuracy and efficiency through extensive testing on 1,000+ puzzles of varying difficulties.

Toasty Haven
- Developed a responsive website for Toasters using HTML, CSS, and JavaScript, showcasing products and company info.
- Integrated interactive UI elements and optimized performance for cross-browser compatibility.