

# Mohammednaeem Patel

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## Junior AI/ML Engineer

UI/UX DESIGN | AGILE TRAINED | PROBLEM SOLVING

Detail-oriented Software Engineering Technology – AI student with a solid foundation in programming, full-stack web development, and machine learning. Proficient in Python, Java, SQL, and JavaScript, with hands-on experience in React.js, Node.js, and the MERN stack. Skilled in data analysis, visualization, and machine learning using Pandas, NumPy, Matplotlib, Scikit-learn, and PyTorch. Experienced in database design, version control (Git/GitHub), and Agile methodologies. Recognized for strong analytical thinking, problem-solving, and collaborative skills developed through academic projects, and professional work in dynamic, fast-paced environments. Passionate about learning new technologies, contributing innovative solutions, and supporting software development, AI/ML, and cybersecurity initiatives.

## SKILLS

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**Programming Languages:** Python, JavaScript, SQL, Java, C#, Linux/Unix, C

**Web Development:** HTML, CSS, React.js, Node.js, Express.js, Tailwind, MERN

**Databases:** MySQL, MongoDB

**Libraries & Frameworks:** Pandas, NumPy, Matplotlib (Python), Scikit-Learn, Pytorch, Langchain, Spark

**Tools & Platforms:** Git/GitHub, Visual Studio, Visual Studio Code, Eclipse, Postman, AWS, Jupyter Notebooks, Agile

## PROJECTS

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### Curio - AI Research Assistant

Toronto, ON

Developer

Sept 2025 - Oct 2025

- Developed an AI-powered assistant that combines Wikipedia and DuckDuckGo Search with LangChain to deliver real-time, structured research results.
- Implemented Pydantic models to enforce reliable outputs (topic, summary, sources, tools used) and automated saving of timestamped reports.
- Integrated support for advanced LLMs including OpenAI GPT-5 and Anthropic Claude, ensuring flexibility and scalability for future use cases.

## EDUCATION

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### Centennial College Of Applied Arts And Technology

Toronto, ON

Software Engineering Technology - AI (Advanced)

Expected Graduation, Dec 2027

- **Concentrations:** Intelligence and Modeling/Simulations
- **GPA:** 4/4.5
- **Related Coursework:** C# Programming, Software Design, Python Programming, Machine Learning, Artificial Intelligence, Object-Oriented Programming, Mathematics, AI Systems Design, Linux OS

## OTHER EXPERIENCE

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### Loblaw Companies Limited

Toronto, ON

Retail Associate (Clerk)

Jun 2025 – Present

- Provided clear communication and support to customers, and translated customer needs into practical solutions, strengthening problem-solving and interpersonal skills.
- Maintained accuracy and organization while managing inventory tasks, demonstrating attention to detail.
- Collaborated in a fast-paced team environment, ensuring efficiency and a positive workplace culture.
- Stepped in to resolve issues during peak hours, demonstrating adaptability and initiative to maintain smooth operations.