

# Tan Karageldi

Software Engineer

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## EDUCATION

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**Mount Allison University**

*B.Sc. in Computer Science, Minor in Mathematics*

Sackville, NB

2025

## EXPERIENCE

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**Founder**

September 2025 – Present

*HitTR*

*Canada*

- Working on building an interactive all around AI sports analytics & competitive betting-prediction platform, with coverage on various sports from football to UFC, with AI betting analysis and worldwide rankings to give back and benefit the users.

**Software Developer**

Apr 2025 – Present

*ALP Softwares*

*Canada (Remote)*

- Designed and implemented full-stack business solution software tailored to specific client requirements.
- Performed thorough testing and QA of new features, ensuring high reliability and adherence to client specifications.

**Athletic Ops & Data Entry**

Aug 2024 – May 2025

*Mount Allison University*

*Sackville, Canada*

- Recorded live game statistics with high precision using official athletic data systems.
- Completed game sheets and ensured timely submission of verified performance data.
- Maintained a 99% accuracy rate in real-time data entry under time-sensitive conditions.

## PROJECTS

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**NBA Fantasy Hub**

Jan 2025 – Present

*Python, SpringBoot, Next.js, Supabase, TailwindCSS*

- Built full-stack NBA fantasy hub system processing **499+** **player stats** across all teams with daily ingestion of stats to database with a **automated python pipeline**.
- Implemented predictive algorithms achieving **78% accuracy** for player performance forecasting.
- Developed responsive analytics dashboard, with interactive graphs, serving **1,000+** **monthly queries** with optimized performance.

**Bookify AI – Reading Comprehension Assistant**

Nov 2024 – Present

*Swift, SwiftUI, Claude API, Vision Framework, OCR*

- Built iOS reading assistant using **Apple Vision Framework** and **OCR** to extract text from book photos.
- Integrated **Claude API** to simplify complex passages for beginner English readers, improving comprehension by **70%**.
- Implemented real-time vocabulary analysis explaining **1000+** **difficult words** with contextual definitions.

**Maptory – Interactive Historical Globe Explorer**

Oct 2024 – Dec 2024

*Next.js, TypeScript, Three.js, Globe.GL, Supabase, Python ETL*

- Developed 3D globe visualization using **Three.js** and **Globe.GL** to explore **195 countries'** histories interactively.
- Engineered automated **Wikipedia ETL pipeline** extracting and cleaning historical data from **500+** **pages**.
- Implemented data transformation pipeline matching custom database schema with **Supabase** persistence.

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, Swift, JavaScript, TypeScript

**Frameworks & Libraries:** React, Next.js, Node.js, Django, Spring, JavaFX, Tailwind CSS, TensorFlow, scikit-learn, pandas, JUnit

**Tools & Technologies:** Git, Docker, AWS, REST APIs, PostgreSQL, Figma

## LANGUAGES

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**Turkish:** Native

**English:** Native

**French:** Intermediate