Polysume:

1. The pipeline essentially goes as follows. We start by inputting a pdf file into the script:

Charles-Antoine Pouliot

Languages: French, English Mobile: 581-996-7900 **Github**

Email: capdev22@gmail.com

Introduction

An aspiring software engineer with a diverse background and a love for learning looking for experience wherever and whenever possible.

Education and Certifications

University of Ottawa Ottawa, ON Bachelor's of Mathematics September 2024 – Present

Cégep de Sainte-Foy Quebec, QC 2019 - 2022Music, Jazz piano

Comptia A+ Certification Acquired in 2024

Experience

Laurier Computers Ottawa, ON

Web developer/designer

August 2024 – Present

- Designed the company's website, focusing on user experience.
- Developed the website as a Next.js app using React, ensuring scalability.
- Provided technical support for customers, addressing their queries and resolving issues promptly.

Amica the Glebe Ottawa, ON

Server and Concierge

December 2023 - August 2024

- Tailored dining experiences for residents.
- Became concierge in the month of May 2024, taking on administrative duties.
- Acted as an intermediary between residents, family, resources and management

Figure 1: Possible input

2. The input gets parsed to plain text:

Charles-Antoine Pouliot Mobile: 581-996-7900 Email: capdev22@gmail.com Introduction Languages: French, English Github An aspiring software engineer with a diverse background and a love for learning looking for experience wherever and whenever possible. University of Ottawa Bachelor's of Mathematics Cégep de Sainte-Foy Music, Jazz piano Comptia A+ Certification

Then the input gets sent to OpenAI api which turns it into YAML

```
name: Charles-Antoine Pouliot

contact:
    email: capdev22@gmail.com
    phone: 581-996-7900

summary: |
    Passionate software engineer with a strong foundation in mathematics and computer science, eager to leverage skills in React and Next.js development to enhance user experiences and drive technological innovation.

education:
    - degree: Dual Bachelor's Degree, Honours Mathematics and Honours Computer Science (Data Science) school: University of Ottawa
    - degree: Music, Jazz piano
    school: Cégep de Sainte-Foy

ETC...
```

This finally goes into a latex template generating a final .tex file:

```
\begin{onecolentry}
    Passionate software engineer with a strong foundation in mathematics and computer science, eager
to leverage skills in React and Next.js development to enhance user experiences and drive
technological innovation.
\end{onecolentry}
\section{Education}
\begin{twocolentry}{%
\textit{ }\textit{} \\[0.1cm]
\textit{}%
    \textbf{University of Ottawa }\\
    \textit{Dual Bachelor's Degree, Honours Mathematics and Honours Computer Science (Data
Science) }\end{twocolentry}
\vspace{0.10 cm}
\begin{twocolentry}{%
\textit{ }\textit{} \\[0.1cm]
\textit{}%
    \textbf{Cégep de Sainte-Foy }\\
    \textit{Music, Jazz piano }\end{twocolentry}
\vspace{0.10 cm}
\section{Experience}
\begin{twocolentry}{%
\textit{September 2024 }\textit{} \\[0.1cm]
\textit{Ottawa, ON}%
    \textbf{Web Developer/Designer }\\
    \textit{Laurier Computers }
\end{twocolentry}
\vspace{0.10 cm}
\begin{onecolentry}
    \begin{highlights}
        \item Enhanced user experience and scalability by designing and developing the company's
website using Next.js and React.
        \item Improved client satisfaction through effective technical support and timely issue
    \end{highlights}
\end{onecolentry}
\vspace{0.2 cm}
```

```
\begin{twocolentry}{%
\textit{December 2023 }--\textit{August 2024} \\[0.1cm]
\textit{Ottawa, ON}%
    \textbf{Server and Concierge }\\
    \textit{Amica the Glebe }
\end{twocolentry}
```

Which then gets rendered into the final product:

Last updated in April 2025

Charles-Antoine Pouliot

 ${\ \ \ }$ capdev22@gmail.com ${\ \ \ }$ 581-996-7900

Summary

Passionate software engineer with a strong foundation in mathematics and computer science, eager to leverage skills in React and Next.js development to enhance user experiences and drive technological innovation.

Education

University of Ottawa

Dual Bachelor's Degree, Honours Mathematics and Honours Computer Science (Data Science)

Cégep de Sainte-Foy

Music, Jazz piano

Experience

Web Developer/Designer

 $September\ 2024$

Laurier Computers

Ottawa, ON

- Enhanced user experience and scalability by designing and developing the company's website using Next.js
- Improved client satisfaction through effective technical support and timely issue resolution.

Server and Concierge

Amica the Glebe

December 2023 -August 2024

Ottawa, ON

- Enhanced resident satisfaction by tailoring dining experiences and managing administrative duties efficiently.
- o Streamlined communication between residents, families, and management to improve service delivery.

December 2022 -August 2023

- Alto restaurant Montreal, QC o Promoted operational efficiency in high-volume settings by adeptly handling the Maitre'D POS system,
 - o Delivered exceptional customer service, fostering a welcoming dining atmosphere.

Technician and Customer Support

processing over 200 orders daily.

MontVR

September 2020 -June 2022

Figure 2: Final Rendered PDF

This is still incomplete in its features but I'm quite proud of how it turned out.