HUNNY JAGLEN

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Education

Lakehead University   **Sep. 2020 – May 2025**
Honors Bachelor of Science in Computer Science   *Thunder Bay, ON*

Experience

Self Justice. *Company Website*   **May 2024 – Aug 2024**
Full Stack developer   *Remote , Riipen*

- Developed several legal support calculators' back-end in Python. Hosted the APIs on Google cloud app engine and connected it to WordPress front-end forms.
- Build, using JavaScript and Python, a complete legal AI chat-bot which uses PDFs as its source of information for communicating with the users (used ChatPDF as the back-end)
- Created around 80 forms which fills the legal documents and let user download the filled PDF upon completion. All forms included e-signature for user convenience
- All the above products are only available to the premium users of Self Justice.

Sliike, Inc. *Company Website*   **Jan 2023 – April 2023**
Full Stack developer Co-op   *Remote*

- Worked on Turbo which uses three NextJs app simultaneously. Connected MongoDB to app and developed dashboard for user's profile using Nextjs Authentication
- Played a pivotal role in an agile environment, actively contributing to sprint cycles. Developed components like dynamic looping Hero section video, promotional discount pop-up tab, and self scrolling carousel, content of which could be controlled using Sanity.Io
- Connected Sanity as a content management system to the app, so stakeholders can easily manage the content without knowing how to code

Projects

Connect *Github, Link* | *NextJs, Python, MongoDB, Docker, Google cloud Compute Engine, Web Socket.*

- Used web Socket to create instantaneous anonymous chat without any need of registration
- Implemented user authorization using Nextjs Auth and MongoDB, so that users can register and their data is saved.
- Created the docker file of the project and hosted it on Google cloud Compute Engine for online access.

Ojibwe Dictionary *Github, Link* | *Nextjs, Python, Flask, Tensorflow, Google Cloud*

- Used Python to collect over 60,000 data entries from the dictionary, and used it to train learning model
- Created Python API to use the model(Link   ) using Flask, and hosted it on Google cloud app engine.
- Used the same data to create an online dictionary for user convenience and created first ever translator from the trained model.

Big Fish *Github, Link* | *React, JavaScript Canvas*

- Developed a fun and interactive 2D game with Javascript canvas using (OOP) principles
- Integrated the game into Reactjs and deployed it online using Vercel.

Cloud Translator *Github, Link* | *React, NodeJs, CSS, Vercel*

- Worked in a team to developed a Full-stack translator which can translate between 21 languages.

Technical Skills

Languages: TypeScript, JavaScript, Python
Frameworks: NextJs
Developer Tools:: MongoDB, Google Firebase, NodeJs, GitHub, Tensorflow, Sanity
Deployment Tools:: Google Cloud, Vercel, Heruko, AWS

References

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