Joel Nickson

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EDUCATION

FISAT, Kerala Technical University | Ernakulam, Kerala, India   2019-present
Bachelor of Technology | CGPA: 8.01/10
Major: Computer Science | Specialization: Machine Learning
Courses : Algorithms (Princeton) , Git & Github (Google) , Tensorflow (Deeplearning.AI) , Python for Data Science (IBM) , Golang Specialization (UCI) , Frontend Web Development (Johns Hopkins)

SKILLS

Python, HTML, CSS, Git, Go, Javascript, Typescript, Java, C, React, Dart, Flutter, Svelte

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INTERNSHIP EXPERIENCE

Verzeo, ReactJS Internship   11/21 – 02/22
- Designed and coded a React-based "To Do" web app to enable users to keep track of tasks
- Created a simple website using React router

PROJECTS EXPERIENCE

KEAM CollegePredictor, **Django** app to predict college based on Kerala Entrance Rank using *historical metrics*   8/21 – 9/21
- **Scraped** through all major search engines and the KTU site to gather data for the project **using Selenium**
- **Led** a team of 4 engineers to work on backend and frontend in parallel
- **Received wide recognition** through leading newspapers and social media

Summarizer, A ***browser extension*** to generate a *summary* of content from *any audio, video or text*   06/22-present
- Integrated the **IBM watson***'s* Speech to Text API for transcript generation
- Made the *API* for Summarizer model to talk with the frontend using python, ***Flask***
- Rebuild a clean and simple UI using ***Flutter***

Meilisearch, ***Open Source Contribution*** to a Paris based Open Source *Search Engine* Startup   10/21 – 11/21
- Added functionality to *return search results based on index* for the **Golang** backend

Minor Projects
- Telegom: Minimalistic *Telegram Bot backend* made with **Gorilla** Web toolkit (***Go***)   05/21 – 12/21
- Maze: GUI based Path finding algorithm using **BFS & DFS** (***Java***)   02/21 – 03/21

LEADERSHIP & OTHER EXPERIENCE

IceFOSS (College Free Software Users Group), *Webmaster* | FISAT, India
- Managed and developed website [(1)](1), [(2)](2) for ICEFOSS   icefoss.fisat.ac.in (React)
- Volunteered and Coordinated a **National Level Hackathon**, Hackfit [(1)](1), [(2)](2)   hackfit.fisat.ac.in (React)

PyCamp 2022, *Tutor* | ACM FISAT, India
- Conducted ***Python*** **workshop** for 30+ first year CS Students.

Web Design Workshop 2022, *Mentor* | FISAT, India
- Conducted a 5 week long ***web design*** **training** for 50+ Computer Science & Design Students

Renascence 2022, Event Head, *Tutor* | ACM FISAT, India
- Conducted a ***Git Workshop*** for 50+ ACM Members
- Organized a welcoming event for new ACM members

ACHIEVEMENTS
- Google Kickstart 2021: Ranked ***3140*** in Round F of ***10k+*** participants (Google's Coding Competition)
- *MPOWER :* Served as **Captain** and led the team to **victory** in placement training programme at FISAT

INTERESTS
- *nature cycling, reading books, listening to music and participating in coding competitions*