

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 \(UC Irvine\)](#), [Frontend Web Development \(Johns Hopkins\)](#)

SKILLS

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

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 website using React router

PROJECTS EXPERIENCE1

[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
- Connected the data between Summarizer model and 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 [\(1\)](#), [\(2\)](#) for ICEFOSS icefoss.fisat.ac.in (React)
- Volunteered and Coordinated a **National Level Hackathon**, Hackfit [\(1\)](#), [\(2\)](#) 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

- Interests: nature cycling, reading books, listening to music and participating in coding competitions