**VINU BALAN J**

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# Education

**Bachelor Of Technology in Artificial Intelligence and Data Science** **CGPA**  **- 9.3**

Chennai Institute of Technology, Chennai, Tamil Nadu **(2020 - 2024)**

**Work Experience**

**BUDDI.AI** - Research Intern **(June 2021 - Dec 2021)**

* Created an advanced resume parser with NLP in Python.

# LANGUAGES: Python, HTML, CSS , Javascript

# FRAMEWORKS: Flask, Spacy, NLTK

# Projects

## PC automation using hand gestures - Python, HTML, CSS, javascript, Machine Learning, Flask, OpenCV, SQL d (Sep 2022)

* Created a Computer Vision based web app to automate the shortcut keys, cursor controls and repeated actions used in our daily life using just the hand gestures.
* The gesture controls can be made customized for every users.
* One of the winning projects of **Smart India Hackathon 2022**.
* **Github Link** - https://github.com/Vinu-Balan/LazzyPro-PC-Control-Using-Hand-Gesture

**Advanced AI Resume Parser and Search Engine** - Python, HTML, CSS, javascript, Django, MongoDB , NLP, bootstrap5 **(Feb 2023)**

* A web based application in which candidates can post their resumes in any language and the resumes posted are parsed to store in mongoDb database.
* Built an effective search engine using graph data structure and filters for recruiters to shortlist through sending mails.
* One of the award winning projects of **Tech Zeal Hackathon 2023.**
* **Github Link** - https://github.com/Vinu-Balan/ai-resume-screening

## Supply Chain Management Community Web application - Reactjs, MongoDB, Expressjs, NodeJs (Jan 2023)

* A website for building a community between manufacturers, retailers and distributors.
* Users can create their own community profile and track their goods in real-time.
* One of the selected project for **PRODIGY HACKATHON conducted by Cognizant.**
* **Github Link** - https://github.com/Vinu-Balan/SEEMORE-Supply-Chain

**Social Media Application for Voting** – Python, Django, SQL, HTML, CSS, javascript **(Jun 2022)**

* Created a website for creating random polls and posting it.
* The posts are only seen by the followers of the poll creator. Users can create polls as well as response to other's polls.

● **Github Link** - https://github.com/Vinu-Balan/WePoll-Poll-app

**News Feed and Recommendation Application** – Angular, Firebase, Tailwind **(Jun 2022)**

* Created a website for viewing news from different news channels available online.
* The recommendation system follows Least Recently Used (LRU) memory algorithm to recommend news when user login.

● **Github Link** - https://github.com/Vinu-Balan/NewsPool-Recommendation

## Achievements Skills

* **Smart India Hackathon 2022** Winner C/C++ ReactJS Git
* **Cognizant Prodigy Hackathon 2022**- Finalist Python Flask Django
* **Tech Zeal Hackathon 2023** – Winner Java SQL HTML/CSS

OpenCV Tensorflow Tailwind

Nodejs MongoDB Bootstrap

ExpressJs Angular Linux/Unix