


NIKILHARI Ravichandran

Software Development Engineer

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Github 
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Tirupur, Tamil Nadu 

About Me

Fresher software developer with a keen interest in coding and application development. Eager to contribute to impactful projects and continuously enhance my skills.

Expertise

- React
- Springboot
- Node
- MongoDB
- Figma
- Flutter

Achievements

- 3rd prize in paper presentation (ML in identifying Cyber Attacks)
- 1st prize in CSI Coding club event
- 2nd prize in Neo codathon

Programming Languages

- JAVA
- PYTHON
- C++
- C

Certifications

- Supervised Machine Learning: Regression and Classification
- Advanced Learning Algorithms
- Foundations of User Experience (UX) Design
- Excel Skills Job Simulation

Projects

Links

- [Backend](#)
- [Frontend](#)

AI Interview System

Contributed to the project by creating an evaluation model that compares user input with expected answers to generate accurate assessments. Addressed various challenges, including handling diverse inputs and defining evaluation criteria. Additionally, worked on developing key components of the frontend to ensure a seamless user experience.


 **Tech Stack :** Python, Flask, SciBert, React

Links

- [Github](#)
- [Website](#)

Anonymous message App

Designed and implemented a website where users can log in using their roll numbers to send and receive anonymous messages. Enabled secure posting to specific roll numbers while ensuring user anonymity. Included a personalized inbox feature for users to view received messages

 **Tech Stack :** React, MongoDB, Node, Express

Links

- [Backend](#)
- [Frontend](#)

Farmer App

Built a platform to assist farmers in listing their produce prices and enabling buyers to view average vegetable costs. Integrated data from the Tamil Nadu Horticulture website to provide real-time market prices. Implemented a future crop price prediction feature to aid farmers in making informed decisions.

 **Tech Stack :** React, Spring boot, Python, Flask, Arima

Links

- [Github](#)

Movie Recommendation App

Built a web application that suggests similar movies when a user selects a movie. Recommendations are based on genres and the movie's one-liner description, leveraging cosine similarity to identify and fetch relevant matches.

 **Tech Stack :** Python, Streamlit

Links

- [Github](#)
- [Github](#)

Automation Projects

Implemented a Python script to extract the top 250 companies leveraging Google Cloud Platform (GCP) services using web scraping. Additionally, created a Java-based automation suite to test website functionalities, including form validations, navigation, and responsiveness, ensuring optimal user experience.

 **Tech Stack :** Python, Java, Selenium

Education

2022 - 2026	BACHELOR OF ENGINEERING (CSE)	CGPA - 8.35*
2020 - 2022	HIGHER SECONDARY EDUCATION	92.6%

Internships

RAATTAI

Contributed to the development of the Raattai Handlooms platform using Angular. Focused on creating dynamic, responsive user interfaces to enhance the user experience and improve website functionality.