

Nikilhari Ravichandran

Software Development Engineer



Portfolio



Github



LinkedIn



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ABOUT ME

- Enthusiastic software developer with a passion for coding and application development.
- Strong problem-solving skills, eager to contribute to impactful projects and enhance technical expertise.

PROJECTS

AI INTERVIEW SYSTEM | PYTHON, FLASK, SCIBERT, REACT

Backend • Frontend

- Developed an evaluation model comparing user input with expected answers.
- Handled diverse inputs and defined evaluation criteria to improve accuracy.
- Designed key frontend components for a seamless user experience.

FARMER APP | REACT, SPRING BOOT, PYTHON, FLASK, ARIMA

Backend • Frontend

- Built a platform for farmers to list produce prices, enabling buyers to view market trends.
- Integrated real-time market price data from the Tamil Nadu Horticulture website.
- Implemented a predictive analytics feature using the ARIMA model for price forecasting.

ANONYMOUS MESSAGE APP | REACT, MONGODB, NODE.JS, EXPRESS

Github • Website

- Developed an anonymous messaging platform for secure communication via roll numbers.
- Implemented robust privacy controls ensuring user anonymity.
- Designed a personalized inbox for receiving messages.

AUTOMATION PROJECTS | PYTHON, JAVA, SELENIUM

Github • Github • Github

- Automated data extraction of top 250 companies using GCP services.
- Developed a Java-based website testing automation suite.
- Built a scraper to extract YouTube video details (title, channel name, subscribers, comments) and Instagram post comments with commentator IDs.

MOVIE RECOMMENDATION APP | PYTHON, STREAMLIT

Github

- Built a movie recommendation web app using cosine similarity for genre-based matching.
- Implemented an interactive UI to enhance user experience.

INTERNSHIP

RAATTAI | FRONTEND DEVELOPER INTERN

- Developed interactive and responsive UI components using Angular.
- Improved website functionality by optimizing frontend performance.



SKILLS

PROGRAMMING

Languages:

Java • Python • C++ • C

Frontend:

React • Angular

Backend:

Spring Boot • Node.js • Flask

Other:

MongoDB • Figma • Git

EDUCATION

KONGU ENGINEERING COLLEGE

B.E. COMPUTER SCIENCE AND
ENGINEERING

2022 - 2026

CGPA: 8.39

HIGHER SECONDARY

2020 - 2022

Percentage: 92.6%

ACHIEVEMENTS

- Winner, AI Interview System Project Presentation
- 3rd Place, ML in Cyber Attacks Paper Presentation
- 1st Place, CSI Coding Club Event
- 2nd Place, Neo Codathon

CERTIFICATIONS

- MongoDB Associate Developer
- Foundations of UX Design (Google)
- Excel Skills Job Simulation