

RAHUL RAMAMOORTHY

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 [GitHub Profile](#)

 [LinkedIn Profile](#)

Education

CGPA-9.05	Computer Science and Engineering <i>Chennai Institute of Technology, Tamil Nadu</i>
92%	HSC+2 <i>Al Saad University Al- Ain</i>

Internship Experience

2024/05 – 2024/06	Resh and Thosh Travel Technologies
Chennai, India	<i>Junior Web Developer</i>
	Enhancing the company's website frontend using HTML and CSS to improve user experience, while supporting their mission to promote travel software and online booking solutions to educational institutions.
2024/11 - 2024/12	KaarTech Technologies UK Ltd.,
Chennai, India	<i>AI and Full-stack App Developer</i>
	Developed the Help Center App for their Product KEBS, enhancing user support and engagement. I also built an AI-powered chatbot integrating Natural Language Processing (NLP) and Computer Vision, enabling intelligent assistance and automated query resolution

Projects

Real-Time Human Activity Recognition

- Designed a deep learning model using Recurrent Neural Networks (RNNs) and sensor data to classify human activities such as walking, running, and standing for smart healthcare applications..

Stock Price Prediction Using LSTMs

- Implemented a time-series forecasting model using Long Short-Term Memory (LSTM) networks to predict stock trends based on historical price data

Fake News Detection Using NLP

- Implemented a Natural Language Processing (NLP) model using TF-IDF and deep learning approaches like LSTMs and Transformers to classify news articles as real or fake.

Wi-Fi-less Screen Sharing System

- Developed a Wi-Fi-less screen-sharing system using low-level networking protocols, enabling seamless peer-to-peer screen transmission without internet dependency.

Blockchain-Based Transaction Identification System

- Engineered a blockchain transaction identification system to analyze and trace cryptocurrency transactions, aiding in anomaly detection and financial tracking.

Interactive Crypto Portfolio Tracker

- Developed a CryptoTracker project, enabling real-time tracking of cryptocurrency prices and market trends, using API integration and dynamic frontend technologies for a seamless user experience

OpenStreetMap-Based Route Planning System

- Developed a real-time route planning system using OpenStreetMap (OSM) and Leaflet.js, with future integration plans for live traffic updates and alternative route suggestions.

Research Papers

Veeramalai Sankaradass,Rahul Ramamoorthy, Akshaya A, Chorko C - Facial emotion classification utilizing EfficientNet: A comprehensive deep learning method - Submitted to SA College of Engineering , Chennai IEEE Conference

Certificates

- NPTEL certification on Database Management System
- NPTEL certification on Cloud Computing (86%)
- Udemy Deep Learning intermediate
- CourseEra Introduction to Data Structures
- Introduction to Cybersecurity by Cisco
- UiPath Automation Explorer For Students
- CLA: Programming Essentials in C Cisco
- Cybersecurity Essentials by Cisco

Skills

- **Languages**
Python, C++, HTML5, CSS, JS, Julia,java
- **Frameworks**
Django, Node.js, Express.js, Angular.js
- **Data Visualization**
NumPy, Pandas, Matplotlib
- **Tools**
Git, GitHub, VSCode, Cursor, Jupyter Notebook
- **AI & Machine Learning**
TensorFlow, Scikit Learn, Keras, OpenCV
- **Databases**
SQL, MongoDB, PostgreSQL

Competitions and Achievements

- 4* in Codechef (top 5%)
- Knight Badge in Leetcode (top 2%)
- SustainAlthon finalist
- Golden Coders Gulf (First Runner up)
- Deployed a DeFi Smart Contract on Ethereum
- Qualified for ICPC semi - finals

Coding

- **Leetcode:** 650+ problems solved, 2033+ Rating
- **CodeForces :** 120+ problems solved, 1490+Rating
- **CodeChef:** Div 2, 1520+ problems solved
- **Geeks for Geeks:** Div 2, 3 *(Rating)