

# RAGHUL

Software Developer



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[github.com/Raghul-V](https://github.com/Raghul-V)

## EXPERIENCE

### Web Developer & Designer

#### Freelance

- Designed and developed responsive landing pages & user login pages using Wix, Figma and React.
- Integrated Google Analytics 4 to provide insightful data on user engagement and behavior.

### Summer Intern

#### EmoNet

Mar 2023 – Jul 2023

- Automated sponsor profile filtering (from 4000 profiles) using Selenium, saving a week long manual work.
- Extracted, organized and stored relevant data in Excel sheets.
- Also did Beta testing for their mobile app.

## PROJECTS

### Visual AI-Enhanced Shopping Experience

<https://github.com/Raghul-V/HackonWithAmazon>

- Developed a visual AI-based system to identify fashion items in video content using YOLOv8 and recommend visually similar product from database using ResNet50, nearest neighbors and triplet loss.
- Ranked in top 65 out of 38,000+ teams for this project in Hackon With Amazon – Season 4.

### Blog Posting Fullstack Web App

<https://github.com/Raghul-V/MERN-BlogSpot>

- Built a blog-posting community platform using MERN stack
- Enables users to authenticate accounts, share blogs and articles, and personalize profiles.

### Udhira – a Blood Donation Mobile App

- Designed and built a cross-platform mobile application to streamline blood donation processes.
- Integrated donor registration, geolocation tracking for efficient dispatch, and real-time communication with blood banks.

### Multiplayer Chess

<https://github.com/Raghul-V/Multiplayer-Chess>

- Developed a GUI for a two-player chess game using python over a month encompassing all special moves.
- This project improved my algorithmic design, UI/UX, and strategic thinking skills.

### AI Pathfinding Algorithms Visualizer

- Built a visualizer application to demonstrate AI pathfinding algorithms (BFS, DFS, GBFS, A\*) using python.
- Provided a graphical interface to illustrate the search process and path selection for each algorithm.

## SKILLS

**WEB:** HTML, CSS, JavaScript, TypeScript, React, Node, Express, Next.js, MySQL, MongoDB, Flask

**AI & ML:** Python, Tensorflow, Scikit Learn, Matplotlib, OpenAI Gym, OpenCV

**OTHER:** React Native, Figma, Adobe Photoshop, Blender, Selenium, BeautifulSoup, Pygame, C/C++, Golang, Excel, Git

## EDUCATION

### BE in Computer Science

CEG - Anna University

CGPA – 9.4/10

2022 – Ongoing

## ACHIEVEMENTS

- Ranked in top 65 out of 38,000+ teams in Hackon With Amazon (Season 4) All-India Hackathon.
- Won 10+ technical events in our University annual symposiums.

## CERTIFICATIONS

DeepLearning.AI's Machine Learning Specialization Courses

[Certificate](#)

Google's Foundations: Data, Data, Everywhere Course

[Certificate](#)

FreeCodeCamp's Scientific Computing with Python Course

[Certificate](#)

University of Michigan's Python Data Structures Course

[Certificate](#)