

Ruhani Maheswari

Aspiring Engineer

+9198149 51616 @ ruhani3811@gmail.com <https://github.com/mruhi6364> Ludhiana, Punjab, India

SUMMARY

I am an aspiring software developer with a strong foundation in front-end development. I have hands-on experience using HTML and CSS to create responsive web pages and am currently expanding my skills in OS, and DBMS. My passion for web development drives me to continuously improve my coding abilities through personal projects, and I am eager to contribute to this technology industry with my knowledge.

EDUCATION

• Vellore Institute of Technology, Bhopal	October 2022-ongoing
B.Tech. Computer Science and Engineering (specialization in cloud computing and automation)	8.68/10
• B.C.M Arya Model Sr. Sec. School Ludhiana,Punjab	July 2022
12th Central Board of Secondary Education Board	83.7%
• B.C.M Arya Model Sr. Sec. School Ludhiana,Punjab	June 2020
10th Central Board of Secondary Education Board	91.6%

EXPERIENCE

SDE Intern

Iotasol

11/2024 - 01/2025 onsite

IT Solutions & Training

- Contributed to client projects alongside senior coders
- Gained real-world experience in collaborative development and code practices
- Worked significantly on front-end development
- Contributed to product roadmaps, aligning development efforts with strategic priorities and stakeholder needs.
- Optimized code performance, reducing load time and improving overall efficiency.
- Collaborated with cross-functional teams to design and implement new features in alignment with project goals.
- Provided technical support to end-users, resolving issues quickly and effectively.

PROJECTS

1. TrafficGenie (YOLO,Flask,HTML,CSS,JS,React,Python,NumPy)

A web application for traffic management and analysis

- Developed a Flask-based web application for intelligent traffic video analysis and visualization
- Implemented object detection using a YOLO-style model (MobileNet SSD)
- Processed video frames to detect vehicles and provided 3D-like SVG visualizations and interactive stats

2. Bulbea (Python,NumPy,Tweepy,Flask,Jupyter,TextBlob,Matplotlib)

A library for stock market prediction

- Created a Python library for stock market prediction and modeling
- Utilized recurrent neural networks to predict stock prices
- Employed Twitter API for sentiment analysis

SKILLS

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| • Python | • CSS | • OOPS | • Figma |
| • YOLO | • HTML | • OS | |
| • SQL | • MatPlotLib | • Seaborn | |

CERTIFICATIONS

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| • Full stack web development bootcamp my udemy | • Product manager certificate by gfg |
| • Digital marketing certificate gfg | • Bits and Bytes by Coursera |