

# RAFIQUIE AHMED MOHAMMED

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## PROFESSIONAL SUMMARY

Detail-oriented Computer Science graduate with strong foundations in Python, backend development, and debugging. Experienced in developing scalable mini-projects using Flask, Django, and API integrations. Skilled in SDLC basics, Agile methodology, clean coding, and problem-solving, aligning with Cognizant's delivery-focused environment.

## SKILLS

Programming	Python, C, C++
Web Technologies	HTML, CSS, JavaScript
Frameworks	Flask, Django, Bootstrap, Tailwind
Databases	SQLite, SQL
APIs	Google Gemini API, OpenWeather API
Tools	Git, GitHub, VS Code, Postman, Jupyter Notebook
Core Competencies	SDLC, Agile basics, debugging, unit testing, JSON parsing

## PROJECTS

### Deep Reinforcement Learning using for Adaptive Malicious URL Filtering in Web Browsers [link](#)

Implemented a DDQN-based model achieving 93.6% F1-score with feature reduction techniques like Gini, Chi-Square, and Pearson correlation.

### AI Chatbot (Flask + Gemini) [link](#)

Built a multi-chatroom chatbot with persistent history, secure API handling, SQLite-based storage, and optimized prompt-tuning for consistent responses.

### Tasu AI — Voice Assistant [link](#)

Developed a Python automation assistant supporting speech recognition, email handling, weather reporting, translations, and WhatsApp automation using Google Gemini API.

### Weather App (Flask + OpenWeather) [link](#)

Developed a responsive weather dashboard with API integration, error handling, and Jinja2 templating.

## EDUCATION

**B.Tech (CSE)** — D.N.R. College of Engineering & Technology (2021–2025) | CGPA: 7.4/10

**Intermediate (MPC)** — Sri Chaitanya Junior College (2020) | 82%

**SSC** — Vidhya Jhothiya Merit School (2018) | 85%

## STRENGTHS

Team collaboration, analytical thinking, debugging, clean coding practices, quick learning, and strong interest in backend and API development.

## PUBLICATION

Deep Reinforcement Learning using for Adaptive Malicious URL Filtering in Web Browsers [link](#)