RAIYAN WASIM

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EDUCATION

Galgotias University — Aug 2022 – Aug 2026
B.Tech in Computer Science and Engineering — *CGPA: 8.13*

Harrow English School — May 2019 – July 2021
Senior Secondary — *77.4%*

PROJECTS

Static Hosting Platform (Inspired by Vercel) | *Node.js, AWS ECS & ECR, S3, Docker, Redis, Socket.IO*
April 2025 – June 2025

- Developed a cloud-based static site deployment tool that accepts GitHub URLs and builds projects on demand.
- Implemented Docker-based build processes and automated container deployment via AWS ECS and ECR.
- Served generated files via AWS S3 with a reverse proxy for subdomain-based routing.
- Enabled real-time build log streaming using Redis Pub/Sub and Socket.IO.

My Anime List | *Python, SQLite* — *Mar 2025 – Apr 2025*

- Built a terminal-based anime tracker in Python using SQLite to manage a personal collection of titles and ratings.
- Implemented features to add, list, update (name/rating), and delete anime entries from a persistent local database.
- Enhanced user experience with animated prompts, formatted rating display, and automatic listing before edit/delete.
- Used Python's `sqlite3` and `time` modules to combine persistent storage with smooth CLI interaction.

Virtual Bot Assistant | *Python*

- Built a voice-controlled virtual assistant in Python to execute tasks like opening applications, telling time, and performing web searches using voice commands.
- Integrated `pyttsx3` for text-to-speech and `speech_recognition` for command interpretation to enable hands-free functionality.
- Designed a modular architecture enabling easy integration of new features and future scalability.

TECHNICAL SKILLS

Languages: C++, Python
Web: HTML, CSS, JavaScript
Cloud Computing: AWS (EC2, S3, RDS, IAM, EBS, ELB)
Tools & Technologies: GitHub, VS Code, Docker (Basics), Redis (Basics)
Database: SQL
Core Areas: Data Structures & Algorithms, OOP, OS, DBMS, CN

CERTIFICATIONS & ACHIEVEMENTS

- Google Cloud Arcade 2024 Participant — Completed Premium Milestone
- Career Essentials in Software Development by Microsoft and LinkedIn — Certification

LANGUAGE

English: Full Professional Proficiency

Hindi: Native or Bilingual Proficiency

Urdu: Limited Working Proficiency