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

Drive-to-Chat RAG Pipeline | *n8n, RAG, Google Gemini, Pinecone*   *July 2025 – Aug 2025*

- Developed an automated RAG pipeline in n8n to transform documents from Google Drive into a conversational knowledge base.
- Engineered an ingestion workflow to process, chunk, and embed new documents into a Pinecone vector database using Google Gemini.
- Implemented a Gemini-powered AI agent that retrieves relevant context from Pinecone to generate accurate, source-based answers.

Static Hosting Platform (Vercel Clone) | *Node.js, AWS (ECS, ECR, S3), Docker, Redis, Socket.IO April 2025 – June 202*

- 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 using AWS ECS and ECR.
- Served generated static files via AWS S3 with a reverse proxy for subdomain-based routing.
- Enabled real-time build log streaming from the server to the client using Redis Pub/Sub and Socket.IO.

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

- Built a terminal-based anime tracker in Python with a persistent SQLite backend to manage personal anime titles and ratings.
- Implemented full CRUD (Create, Read, Update, Delete) functionality for anime entries in the local database.
- Enhanced user experience with animated prompts, formatted data display, and streamlined edit/delete workflows.

TECHNICAL SKILLS

Languages: C++, Python, JavaScript, HTML/CSS, SQL
Cloud Technologies: AWS (EC2, S3, ECS, ECR), Microsoft Azure (Learning), Cloud Computing
Developer Tools: Git, GitHub, Docker, VS Code, Redis, n8n
Core Concepts: Data Structures Algorithms, OOP, OS, DBMS, Computer Networks

CERTIFICATIONS & ACHIEVEMENTS

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

LEARNING ROADMAP

- **Microsoft Certified: Azure Fundamentals**: Currently preparing for certification, focusing on core Azure services, architecture, and pricing.
- **AI/ML Fundamentals**: Actively studying core AI principles, model training, classification, and implementation with Python libraries like scikit-learn and TensorFlow.

LANGUAGE

English: Full Professional Proficiency

Hindi: Native or Bilingual Proficiency

French: Elementary Proficiency (In Progress)