

AYAAN UL HASAN

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SUMMARY OF QUALIFICATIONS

- **Problem-Solving:** Exceptional problem-solving, analytical and critical thinking shown in math and system engineering coursework.
 - **Effective Documentation:** Skilled in creating detailed technical documentation and instructional materials for full-stack development and proficient at clearly communicating and reporting complex programming concepts to students and support teams.
 - **Organizational Skills:** Highly organized and detail-oriented, with experience managing multiple tasks, coordinating activities and priorities in a fast-paced environment.
 - **Public Speaking and Communication Skills.** Toastmasters International. September 2021-April 2022.
 - **Full-Stack Training Expertise:** Over one year of experience as a Python Full Stack Trainer at Orange Antelopes, specializing in delivering comprehensive training on Python programming, web development, front-end and back-end technologies, and database management
 - **Programming Skills:** Proficient in Java, Python, and full-stack web tech: HTML5, CSS, JavaScript, REACT, DJANGO, Angular, Sprint Boot, Node.js.
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TECHNICAL SKILLS

- **Cloud Architecture:** AWS, Python, NACL, Security Group, VPC Peering, Load Balance, and ASG.
 - **Computer Network:** DHCP, DNS, WAN, LAN, TCP/IP and OSI Model.
 - **Programming languages:** Python, Java, JavaScript, SQL, C#
 - **Web Development:** HTML5, CSS, REACT, Angular, Nodejs, Spring Boot.
 - **Database:** MySQL, MongoDB, Azure.
 - **Tools:** Git, Apache NetBeans, Visual Studio Code, Figma, Eclipse, Wireshark, Cisco Packet Tracer, Microsoft Office 365, Active Directory.
 - **Hardware Troubleshooting:** Imaging, refurbishing, and setting up PCs, printers, and peripherals
 - **Other Skills:** Inventory management, equipment provisioning, Sharepoint and IT asset tracking
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EDUCATION

Software Development & Network Engineering
Sheridan College, Brampton ON
Honours 3.7 CGPA

January 2024 - December 2027

PROJECTS

Project Overview: Employee Management System: Django (Python-based)

- **Database Backend:** Microsoft SQL Server
- **Constructed** a user-friendly web interface for managing employee data.
- **Features:** Add, edit, and delete employee information from a centralized location, track employee performance metrics, such as attendance and productivity.
- **Frontend:** HTML, CSS (styled with Bootstrap), and JavaScript (if applicable).
- **Backend:** Django framework for server-side logic.
- **Database:** Microsoft SQL Server for storing employee data.

WORK EXPERIENCE

Software Engineer, Software Engineer for AI Training Data (Python), Remote September 2024 - Present

- **Code Evaluation:** Assess AI-generated decision trees and code, providing summaries and recommendations for improvements to enhance quality and performance.
- **Problem Solving:** Write efficient code to solve diverse coding challenges, directly aiding in the training of advanced AI models.
- **Test Case Development:** Create robust test cases to ensure code functionality and reliability, fostering a deeper understanding of coding principles.
- **Collaborative Projects:** Coordinated with teams on various projects, from evaluating code to building mobile applications, evaluating project design, improving AI responses and capabilities..

Full Stack Trainer, Full Stack Trainer at Orange Antelopes, Bhopal, India May 2023 - December 2023

Teaching Python and Java programming language to students of different age groups.

- Covering web development technologies such as HTML, CSS, and JavaScript (JS).
- Explaining SQL (Structured Query Language) for database interactions.
- Delving into the Django framework for building robust web applications.
- Adapting teaching style to cater to students of varying age groups.

Machine Learning and Ai Analyst, (Intern) at CCC Solution (UK, Virtual) August 2023 - December 2023
Responsibilities, UK

- Applying financial mathematics and data science to construct algorithms based on historical data and logistic regression
- Refining AI and machine learning models for more efficient decision making.