ASHMIT SINHA

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EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY-AP   **Amaravathi**
Bachelor of Technology   **Expected Jun 2025**
Major in Computer Science; Specialization in AI and ML
Cumulative GPA: 7.9/10
Relevant Coursework: Android Developer, Web Developer; Machine Learning; Artificial Intelligence

WORK EXPERIENCE

GOOGLE CLOUD PRACTITIONER   **Hybrid**
Associate Cloud Engineer   **Oct 2022 – Jan 2023**
- Successfully created and deployed a virtual machine (VM) on Google Cloud Platform (GCP) to host a Minecraft server which can control traffic Up to 2000 devices at a time.
- Took charge of making the Minecraft server accessible to a global audience by setting up web publication.
- Operated networking and firewall rules for web publication, allowing players worldwide to connect. Leveraged Google Cloud's database services, such as Cloud SQL, to securely store and manage player data, enhancing the gaming experience.

SALESFORCE INC.   **Hybrid**
CRM Trainee   **Oct 2022 – Dec 2022**
- Analyzed historical customer data to identify purchase patterns and preferences. Devised personalized marketing campaigns based on these insights, resulting in a 25% increase in sales and improved customer retention.
- Designed and implemented tailored workflows for sales, marketing, and customer support teams. By automating routine tasks and notifications, efficiency improved by 30%, resulting in quicker response times to customer inquiries and better task prioritization.

UNIVERSITY PROJECTS

BLAZE BOT – FIRE FIGHTING ROBOT   **Aug 2023**
- Introduced an advanced Fire Fighting Robot equipped with three IR flame sensors and a Raspberry Pi camera module integrated with OpenCV for precise flame detection.
- Demonstrated exceptional precision in automated movement control, with an accuracy rate exceeding 90%, ensuring effective navigation, obstacle avoidance, and efficient fire-fighting operations.

MUNCH ON DEMAND – ONLINE FOOD ORDERING APP   **Jul 2023**
- Launched a comprehensive Android food ordering application aimed at enabling users to search and order their food and beverage needs with a simple and clean UI which can be used by anyone.
- The application efficiently records user's details, saved addresses, cart history and profile details using Google's Firebase Database and Authentication services.

OPAL – OCCUPANCY COUNTER   **May 2023**
- Restructured a Raspberry Pi-based solution for real-time people counting, temperature detection, and lighting automation within a room.
- Achieved high accuracy in people counting, with a precision rate of over 95%, ensuring reliable occupancy data for room management and analysis.

SEATSERVE – ICC NIUM HACKATHON   **Mar 2023**
- Achieved innovative online platform tailored to enhance the cricket spectator experience in 4-person team using HTML, CSS, JS and MySQL in a 5-day ICC NIUM Hackathon 1.0.
- Successfully processed up to 500 orders per match, demonstrating the platform's scalability and its ability to efficiently handle high-demand scenarios, even during peak cricket matches.

ACTIVITIES

GEEKSFORGEEKS   **Vijayawada, AP**
Committee Member   **Jul 2023 – Present**
- Managed the launch of new club to improve organization of events.
- Introduced and onboarded 50 new members during the club's initial phase, facilitating a strong foundation for potential screenings and future events, while promoting active participation within the community.

COMPUTER SOCIETY OF INDIA   **Vijayawada, AP**
Web Development Team   **Sep 2022 – Present**
- I have leveraged my proficiency in front-end development to actively participate in diverse projects within the CSI chapter, enhancing various dynamic web solutions.
- Implemented front-end asset optimization and caching strategies, resulting in a 25% faster page load times and enhanced website performance.

ADDITIONAL

Technical Skills: JavaScript, HTML/CSS; Proficient in Java and Android Development.
Languages: Fluent in English, Hindi; Elementary Proficiency in German
Certifications & Training: Google Cloud Career Practitioner, Microsoft Azure Fundamentals:Describe cloud concepts, Training, MERN Stack (ETHNUS) Training
Awards: ICC NEXT-IN's Top 16 out of 1000+ teams (2023); Rank 4 in HACK-AP out of 500+ participants (2022); Consolation award in VIT-AP Winter Internal Expo (2023)