SHAURYA MADHAV

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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: 8.4/10;
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 Upto 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.

MEDICARE – ONLINE MEDICAL CARE APP — Jul 2023
- Launched a comprehensive Android health management application aimed at empowering users to monitor and maintain their health and medical history which can be used by any medical practitioner for their respective patient base to work 25% better.
- The application efficiently records up to 100 patient records per hour for free subscribers, enhancing its accessibility and usability for a broader user base using Google's Firebase Database.

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
Head of Creator Team   Sep 2022 – Present
- Directed the Creator Team consisting of 20+ members in the field of video editing, photo editing and content writing.
- Organized and advertised 10+ quarterly networking events with 300+ participants in 3 universities in Andhra Pradesh.

ADDITIONAL

Technical Skills: SQL, PHP, JavaScript, HTML/CSS; Proficient in Java, Python and Android Development.
Languages: Fluent in English, Hindi; Elementary Proficiency in German
Certifications & Training: Google Cloud Career Practitioner, ETSET English Certificate, Microsoft Azure Fundamentals: Describe cloud concepts, Java Full Stack (Iamneo) 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)