KATTA SAITEJA

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PROFESSIONAL SUMMARY

I am a third-year BTech student specializing in Computer Science Engineering with a focus on IoT.
Proficient in IoT technologies, cloud computing, embedded systems, and web development.
Hands-on experience in developing and hosting cloud solutions using AWS. Passionate about building innovative IoT solutions and always eager to expand knowledge in emerging technologies.

SKILLS

- **Programming Languages:** JavaScript, Python, Java, C
- **Web Development:** Node.js, HTML, CSS
- **Databases:** MySQL, MongoDB
- **Cloud Technologies:** AWS (S3 Hosting)
- **IoT Development:** Arduino, GSM, GPS, Sensors (Temperature, UV)
- **Tools & Technologies:** AWS, Arduino, GSM-based Communication, Embedded Systems

EDUCATION

ACE Engineering College *2022 - Present*
BTech in Computer Science Engineering (IoT)

Narayana Jr. College *2020 - 2022*
Intermediate (Class 12th)

Sri Sai Public School *2019 - 2020*
Class 10th

PROJECTS

Marble maze Controlled by using Joystick *March 2023*
- Built a marble maze game using Arduino UNO, controlled by a joystick to navigate the maze.
- Applied embedded systems knowledge to design and program the game. Tools: Arduino UNO, Joystick, C programming.

Child Safety Tracker *February 2024*
- Developed a real-time child tracking system using IoT technology.
- Integrating GPS for location tracking and GSM for real-time alerts.
- Implemented sensors to monitor environmental factors (temperature, UV exposure) to enhance child safety.
- Utilized Arduino UNO, GPS module, and Python for programming.
- Successfully deployed a system that alerts parents via SMS in real-time.

Personal Website Development *March 2024*
- Developed and hosted a personal portfolio website on AWS using S3 for static website hosting.
- Showcased projects, skills, and contact information to build an online presence.
- Tools: AWS S3, HTML, CSS.

ACHIEVEMENTS

- **1st Prize in "Code Pragna 2024"**, a national-level coding contest in C, C++, Java, and Python, winning 1st place in the C programming category.

CERTIFICATIONS

- AWS Certified Solutions Architect
- UiPath Automation Explorer for Students
- Certification of Participation from Devtown for a 7-day bootcamp on Cloud Computing and DevOps (July 2024)
- Certificate of Completion from AWS for 'Getting Started with AWS IoT' (July 2024)
- Certificate of Completion from AWS for 'AWS Skill Builder Learner Guide'
- LinkedIn Learning: Human Resources: Creating an Employee Handbook (Completed on Jun 17, 2024)
- LinkedIn Learning: Introduction to Artificial Intelligence (Completed on Apr 07, 2024)
- Simplilearn SkillUp: Certification of Completion for 'Introduction to IoT' (Mar 2024)
- Soham Academy: Completed a 2-day Practical Workshop on Robotics
- UiPath: Successfully completed the UiPath Citizen Developer learning plan (Skill-a-thon 2023)
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LANGUAGES

- English
- Telugu
- Hindi