

# SRIHARI GANGISETTI

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## Education

- Geethanjali Institute of Science and Technology** **Aug 2020 – May 2024**  
*Bachelor of Technology in Electronics and Communication Engineering*  
*CGPA: 7.59/10* *Nellore, Andhra Pradesh*
- Narayana Junior College** **Jun 2018 – Apr 2020**  
*Grade XII in Science Stream*  
*CGPA: 7.82/10* *Nellore, Andhra Pradesh*

## Technical Skills

- Languages:** Java, HTML5, CSS3, JavaScript, SQL.
- Technologies/Frameworks:** ReactJS, Bootstrap, Tailwind CSS, MySQL, Git, GitHub, AWS, Selenium.
- Testing & Debugging:** API Testing, System Testing, and Debugging Procedures.
- Methodologies:** SDLC (Software Development Life Cycle), Agile, Scrum, DevOps, Waterfall.
- Coursework:** Data Structures, Operating Systems, Algorithms, Software Engineering, Web Development.

## Work Experience

- AWS Solutions Architect Associate Intern** **Jan 2024 – Mar 2024**  
*Amazon Web Services, Remote.*
  - In-depth understanding of AWS cloud computing services, including EC2, S3, RDS, lambda, and VPC.
  - Designed and implemented fault-tolerant AWS solutions, improving system availability by 20%.
  - Streamlined cloud infrastructure deployment with AWS tools, reducing setup time by 35 hours per project.
  - Automated over 100 cloud deployments, ensuring compliance with architectural best practices.

## Projects

- Borewell Rescue Robot | Team Lead** **Apr 2024**
  - Led a team of 4 in the development of a borewell rescue robot using ESP32 technology.
  - Designed advanced gripping mechanisms for efficient rescues from depths up to 150 feet.
  - Improved rescue safety and precision with 360-degree monitoring and live video streaming.
  - Tools Assessed:** ESP32, C++, Live Video Streaming Technology.
- E-commerce Site for Footwear Sales** **Oct 2023**
  - Decreased site load time by 40%, improving user experience and decreasing bounce rates by 25%.
  - Crafted a user-friendly interface to enhance customer interaction and engagement for over 1,000+ users.
  - Redesigned the site layout and user interaction, leading to a 25% boost in conversion rates.
  - Tools Assessed:** ReactJS, JavaScript, HTML, CSS, MySQL.
- Weather Web Application** **Jul 2023**
  - Built a live weather app with location detection and a 5-day forecast using HTML5, CSS, JS, and ReactJS.
  - Attracted users to the weather app, resulting in over 950 active users within the first week of release.
  - Redesigned for responsiveness, achieving 95% user satisfaction and reducing API error reports by 40%.
  - Tools Assessed:** HTML, CSS, JavaScript, ReactJS and API Integration.

## Additional Skills & Achievements

- Core Skills:** Software Design, Design Patterns, Scalability, OOP, Restful APIs, Microservices, UX Principles.
- Strengths:** Technical Proficiency, Computer Literacy, Emotional Intelligence.
- Certifications:** Free Code Camp Web Design, Udemy Java Full Stack.
- Achievements:** Recognized for developing the innovative Borewell Rescue Robot using ESP32 Controller while completing a Bachelor of Technology in 2024.

## Positions of Responsibility

- Coordinator - Annual Tech Fest | GIST College** **Apr 2024**
  - Managed logistics for 250+ participants, leading to a successful event with 95% satisfaction.
  - Collaborated with sponsors and secured funding, increasing the festival budget by 30%.